

REDACTED

United States Environmental Protection Agency
Region 4



35TH AVENUE REMOVAL INVESTIGATION
BIRMINGHAM, ALABAMA
JEFF CROWLEY, ON-SCENE COORDINATOR

FIELD SAMPLING LOGBOOK

Book 1 of 1

Inclusive Dates: 2-4-2013 - 2/6/2013

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)		<u>OTIE</u> , Team Leader
		<u>OTIE</u>
		<u>GRS</u>

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Sampling Procedures and Methodology

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SESD) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SESDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than (\leq) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ($>$) 5,000 square feet and $\leq \frac{1}{4}$ -acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over $\frac{1}{4}$ -acre in parcel lot size will be divided into $\frac{1}{4}$ -acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SESD FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SESD FBQSTP Field XRF Measurement (SESDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with “A”.

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with “CS” (composite soil), “GS” (grab soil), “SD” (sediment), or “SW” (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a “D” to the end of the sample ID. Pan splits will be identified by appending an “SP” to the end of the sample ID.

(b) (6)

ADDRESS:

PROPERTY ID: CU0031

DATE: 2-4-2013

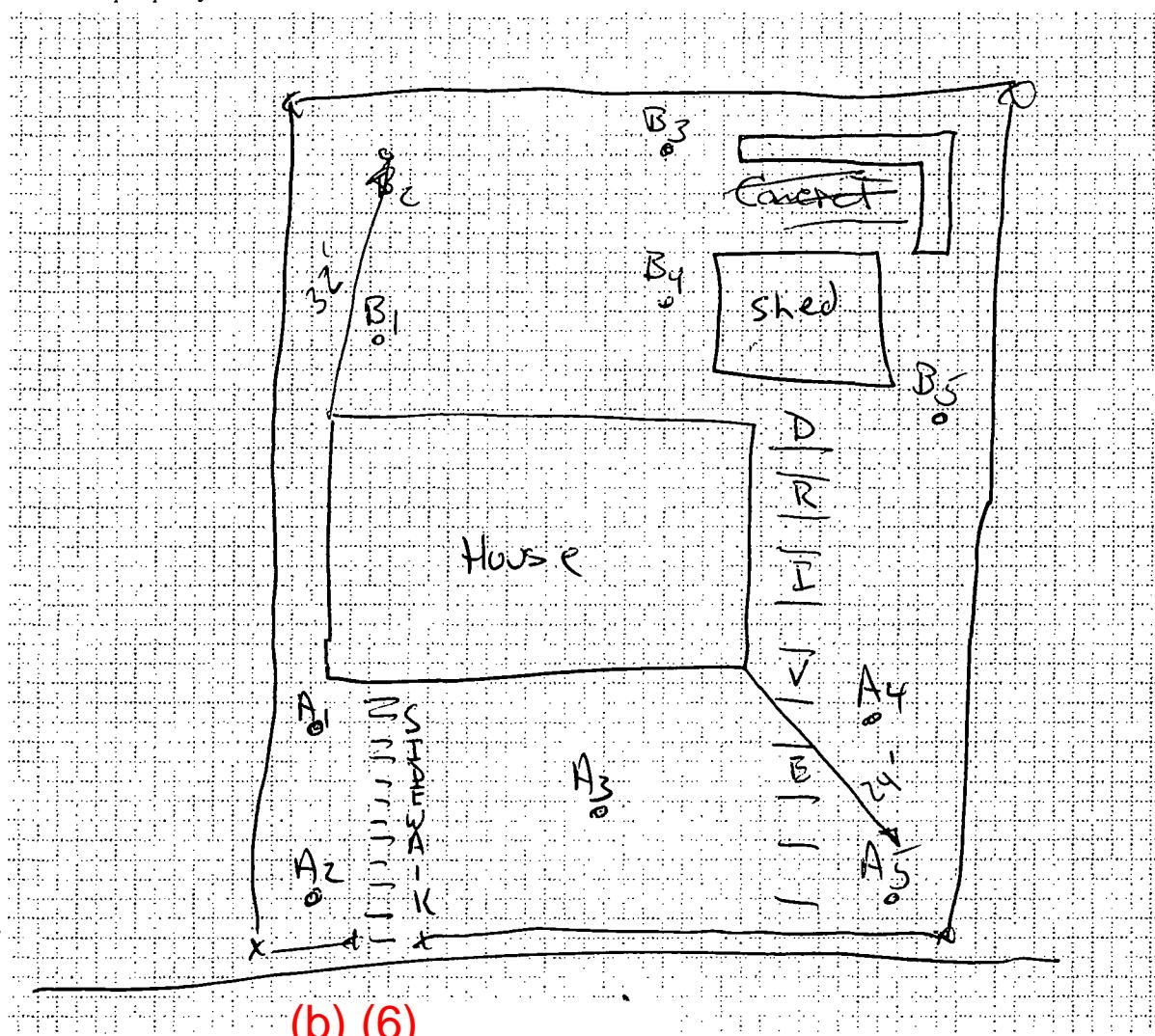
ARRIVAL TIME: 1305

Other pertinent information (weather conditions, etc.):

~~Cloudy 49° cold.~~

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0031 SAMPLE ID: CV0031A-CS

SAMPLE COLLECTION TIME: 1315

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard.

Collection:	Composite	or	Grab	MS/MSD?	Y or N
Field Duplicate or Split: <input checked="" type="checkbox"/> No If yes, indicate Duplicate/split sample station ID: _____					
GPS Coordinates: Trimble [✓] Instrument #: 018165			Logged? Y or N		
Aliquot #1: Latitude: 33.55853954 N Longitude 86.80681526 W					
Media description: Brown silty soil					
Aliquot #2: Latitude: 33.55853957 N Longitude 86.80679047 W					
Media description: Same as 1					
Aliquot #3: Latitude: 33.55857459 N Longitude 86.80680564 W					
Media description: Same as 1					
Aliquot #4: Latitude: 33.55861668 N Longitude 86.80682449 W					
Media description: Same as 1					
Aliquot #5: Latitude: 33.55861661 N Longitude 86.80677747 W					
Media description: Same as 1					

STATION ID: CV0031 SAMPLE ID: CV0031B-CS

SAMPLE COLLECTION TIME: 1325

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard.

Collection:	Composite	or	Grab	MS/MSD?	Y or N
Field Duplicate or Split: Yes or <input checked="" type="checkbox"/> No If yes, indicate Duplicate/split sample station ID: _____					
GPS Coordinates: Trimble [✓] Instrument #: 018165			Logged? Y or N		
Aliquot #1: Latitude: 33.55853046 N Longitude 86.80703462 W					
Media description: Brown silty soil					
Aliquot #2: Latitude: 33.55854046 N Longitude 86.80710347 W					
Media description: # as 1					
Aliquot #3: Latitude: 33.55857675 N Longitude 86.80705587 W					
Media description: # as 1					
Aliquot #4: Latitude: 33.55857817 N Longitude 86.80710156 W					
Media description: # as 1					
Aliquot #5: Latitude: 33.55863851 N Longitude 86.80703516 W					
Media description: # as 1					

(b) (6)

ADDRESS: _____ PROPERTY ID: C 10153

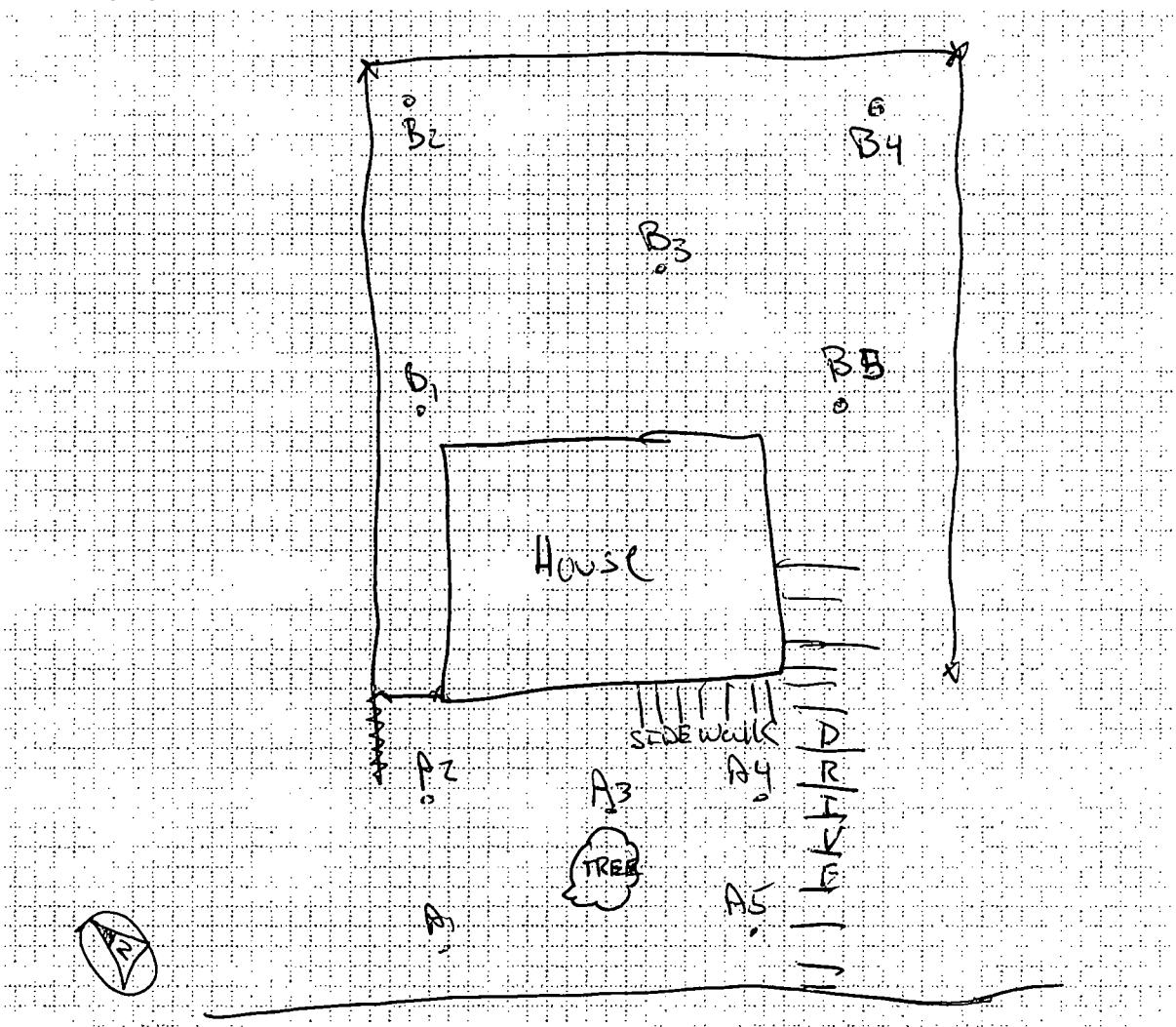
DATE: 7-4-13 ARRIVAL TIME: 1340

Other pertinent information (weather conditions, etc.):

45° cloudy

PROPERTY COMMENTS:

Grid for property sketch



(b) (6)

STATION ID: CV0153 SAMPLE ID: CV0153A-CS

SAMPLE COLLECTION TIME: 1405 1355

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018165</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55929182</u>	N Longitude <u>86.80577055</u> W
Media description:	<u>Brown S.ity Soil</u>	
Aliquot #2 Latitude:	<u>33.55929787</u>	N Longitude <u>86.80571974</u> W
Media description:	<u>Brown S.ity Soil</u>	
Aliquot #3: Latitude:	<u>33.55923887</u>	N Longitude <u>86.80572563</u> W
Media description:	<u>Brown S.ity So.</u>	
Aliquot #4: Latitude:	<u>33.55919525</u>	N Longitude <u>86.80571323</u> W
Media description:	<u>Brown S.ity Soil w/ Coal</u>	
Aliquot #5: Latitude:	<u>33.55920964</u>	N Longitude <u>86.80576217</u> W
Media description:	<u>Brown S.ity So.</u>	

STATION ID: CV0153 SAMPLE ID: CV0153B-CS

SAMPLE COLLECTION TIME: 1403

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018165</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55930132</u>	N Longitude <u>86.80556697</u> W
Media description:	<u>Brown S.ity Soil w/coal</u>	
Aliquot #2 Latitude:	<u>33.55929005</u>	N Longitude <u>86.80541494</u> W
Media description:	<u>Brown S.ity So.</u>	
Aliquot #3: Latitude:	<u>33.55923496</u>	N Longitude <u>86.80550536</u> W
Media description:	<u>Brown S.ity So.</u>	
Aliquot #4: Latitude:	<u>33.55918181</u>	N Longitude <u>86.80541937</u> W
Media description:	<u>Brown S.ity So.</u>	
Aliquot #5: Latitude:	<u>33.55918695</u>	N Longitude <u>86.80556941</u> W
Media description:	<u>Brown S.ity So.</u>	

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0288

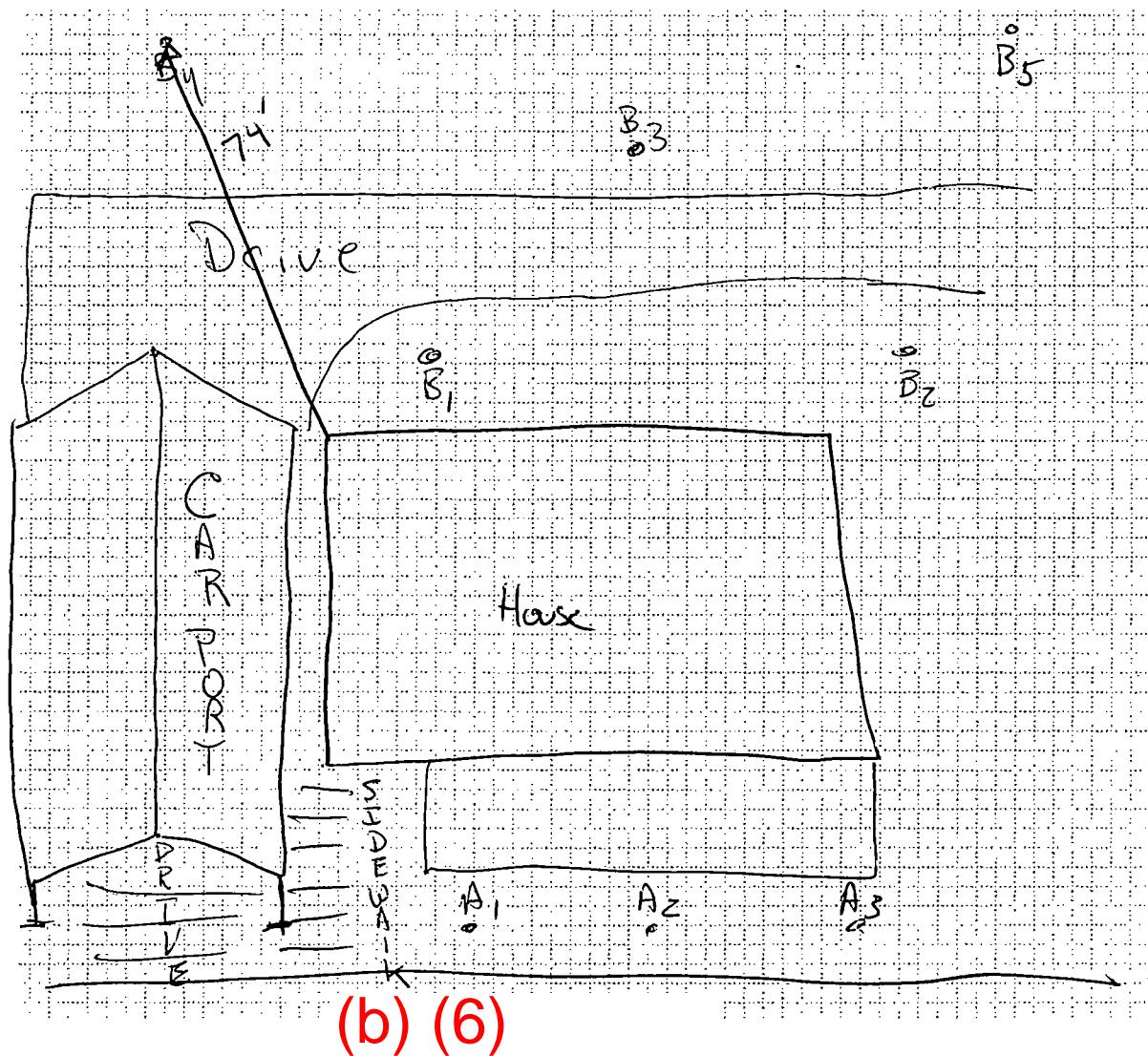
DATE: 24-13 ARRIVAL TIME: 1420

Other pertinent information (weather conditions, etc.):

50° cloudy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0288 SAMPLE ID: CV0288A-CS

SAMPLE COLLECTION TIME: 1440

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018165</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55559587</u>	N Longitude <u>86.80326251</u> W
Media description:	<u>Brown S.ity Soil</u>	
Aliquot #2 Latitude:	<u>33.55558119</u>	N Longitude <u>86.80323536</u> W
Media description:	<u>Brown S.ity Soil</u>	
Aliquot #3: Latitude:	<u>33.5558484</u>	N Longitude <u>86.80320381</u> W
Media description:	<u>Brown S.ity Soil</u>	
Aliquot #4: Latitude:	<u>33.55577158</u>	N Longitude <u>86.80320265</u> W
Media description:	<u>Brown S.ity soil DR</u>	
Aliquot #5: Latitude:		N Longitude
Media description:		

STATION ID: CV0288 SAMPLE ID: CV0288B-CS

SAMPLE COLLECTION TIME: 1450

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018165</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55579158</u>	N Longitude <u>86.80378265</u> W
Media description:	<u>Black S.ity Soil w/ Slag & Coal</u>	
Aliquot #2 Latitude:	<u>33.55577976</u>	N Longitude <u>86.80320731</u> W
Media description:	<u>Same AS 1</u>	
Aliquot #3: Latitude:	<u>33.55585132</u>	N Longitude <u>86.80324671</u> W
Media description:	<u>Same AS 1</u>	
Aliquot #4: Latitude:	<u>33.55594098</u>	N Longitude <u>86.80331465</u> W
Media description:	<u>Same AS 1</u>	
Aliquot #5: Latitude:	<u>33.55592037</u>	N Longitude <u>86.80322721</u> W
Media description:	<u>Same AS 1</u>	

(b) (6)

ADDRESS: _____ PROPERTY ID: C10409

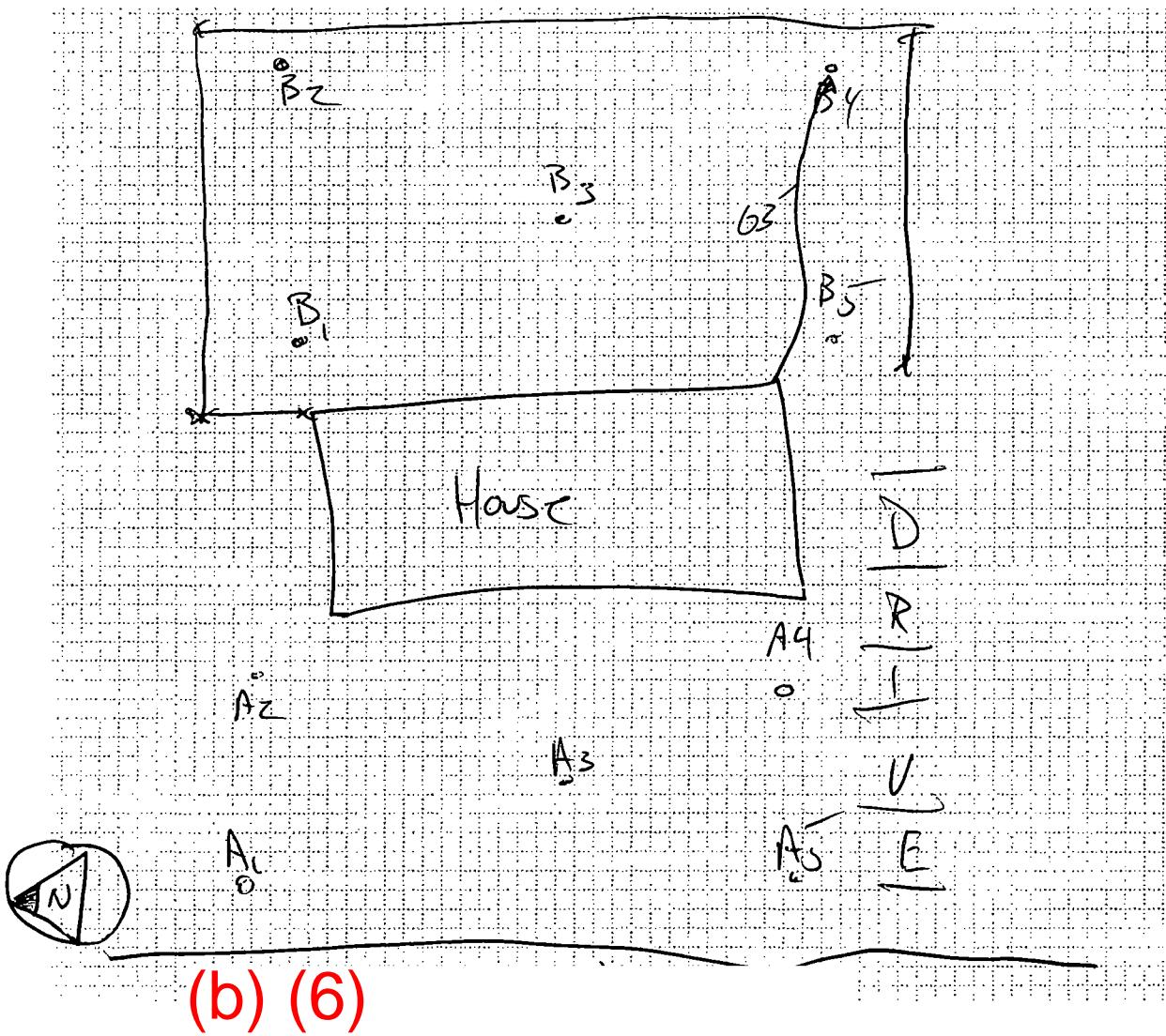
DATE: 2-4-13 ARRIVAL TIME: 1515

Other pertinent information (weather conditions, etc.):

50° cold cloudy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0409 SAMPLE ID: CV0409A-CS

SAMPLE COLLECTION TIME: 1530

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018165</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55833538</u>	N Longitude <u>86.79938832</u> W
Media description:	<u>Dark Brown Silt Clay - Damp</u>	
Aliquot #2 Latitude:	<u>33.55833983</u>	N Longitude <u>86.79933642</u> W
Media description:	<u>Same As 1</u>	
Aliquot #3: Latitude:	<u>33.55829369</u>	N Longitude <u>86.79936020</u> W
Media description:	<u>Same As 1</u>	
Aliquot #4: Latitude:	<u>33.55825341</u>	N Longitude <u>86.79933758</u> W
Media description:	<u>Same As 1</u>	
Aliquot #5: Latitude:	<u>33.55825190</u>	N Longitude <u>86.79938878</u> W
Media description:	<u>Same As 1</u>	

STATION ID: CV0409 SAMPLE ID: CV0409B-CS

SAMPLE COLLECTION TIME: 1540

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or <u>No</u> If yes, indicate Duplicate/split sample station ID: _____		
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>018165</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55832347</u>	N Longitude <u>86.79915048</u> W
Media description:		
Aliquot #2 Latitude:	<u>33.55831093</u>	N Longitude <u>86.79898681</u> W
Media description:		
Aliquot #3: Latitude:	<u>33.55827702</u>	N Longitude <u>86.79909620</u> W
Media description:		
Aliquot #4: Latitude:	<u>33.55823538</u>	N Longitude <u>86.79997719</u> W
Media description:		
Aliquot #5: Latitude:	<u>33.55823370</u>	N Longitude <u>86.79913849</u> W
Media description:		

(b) (6)

ADDRESS:

PROPERTY ID: CV0748

DATE: 02/05/2013

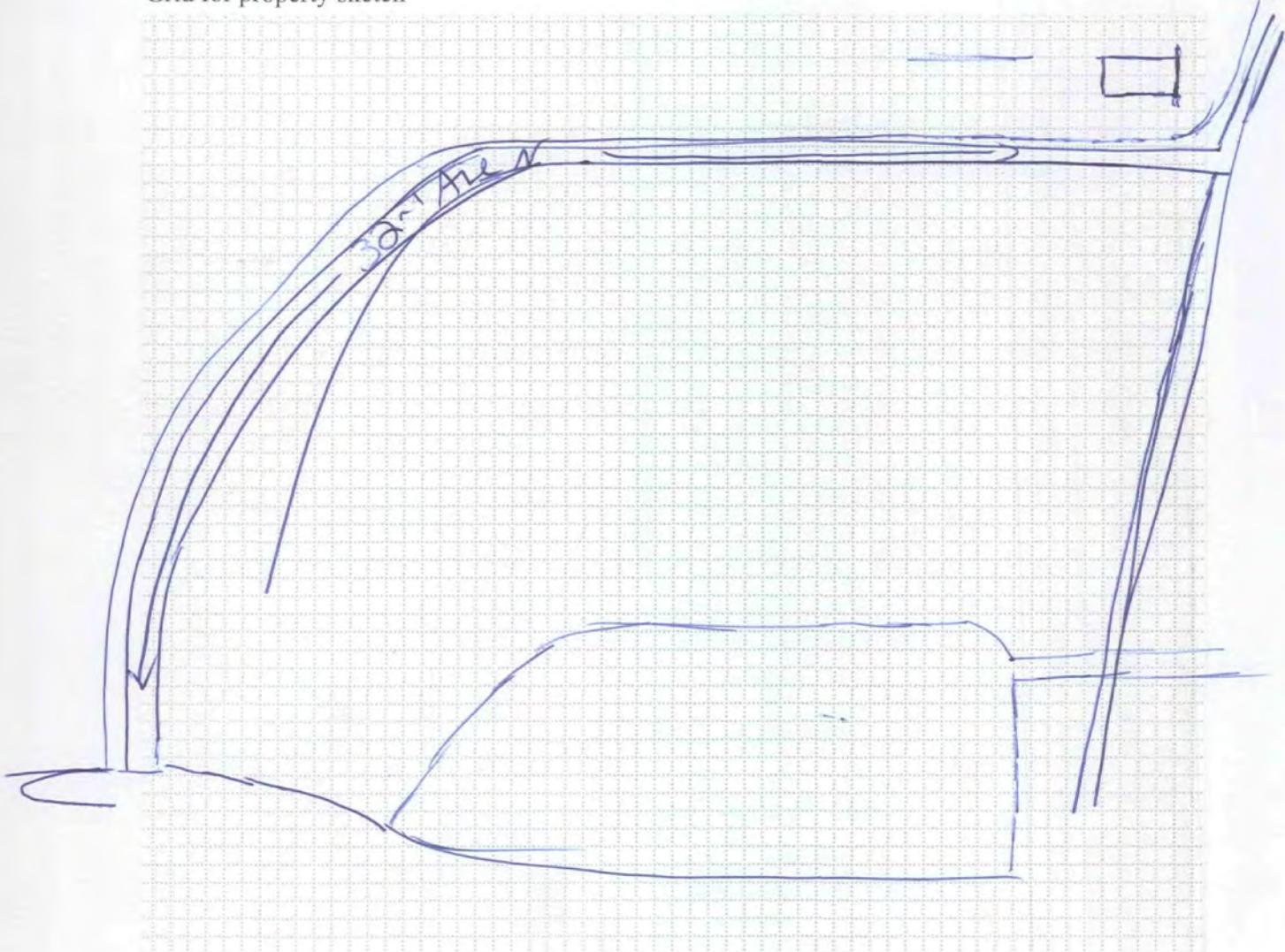
ARRIVAL TIME: 0900

Other pertinent information (weather conditions, etc.):

84°F cloudy 69% humid winds SW @ MPH
Drizzling at times

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0748A

SAMPLE ID: CV0748A-CS

SAMPLE COLLECTION TIME: 0931

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards at Blgs N of 32nd AveCollection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0748A-CS 0933GPS Coordinates: Trimble Instrument #: 020168Logged? or N

Aliquot #1: Latitude:

N Longitude W

Media description: It to med brown silt clay m-f damp w/glass pieces

Aliquot #2: Latitude:

N Longitude W

Media description: It to rel brown silt clay m-f damp

Aliquot #3: Latitude:

N Longitude W

Media description: It to rel brown silt clay m-f damp w/glass pres.

Aliquot #4: Latitude:

N Longitude W

Media description: It to med brown silt

Aliquot #5: Latitude:

N Longitude W

Media description: It to rel brown silt clay w/ orange clay m-f damp

STATION ID: CV0748B

SAMPLE ID: CV 0748B-CS

SAMPLE COLLECTION TIME: 0935

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards at Blgs N of 32nd AveCollection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0748B-CS 0937GPS Coordinates: Trimble Instrument #: 020168Logged? or N

Aliquot #1: Latitude:

N Longitude W

Media description: med brown ~~silt~~ clay silt w/some clay m-f damp w/coal fragments

Aliquot #2: Latitude:

N Longitude W

Media description: Sam silt

Aliquot #3: Latitude:

N Longitude W

Media description: Sam silt

Aliquot #4: Latitude:

N Longitude W

Media description: Sam silt

Aliquot #5: Latitude:

N Longitude W

Media description: Sam silt

(b) (6)

ADDRESS:

PROPERTY ID: CNO748

(on)

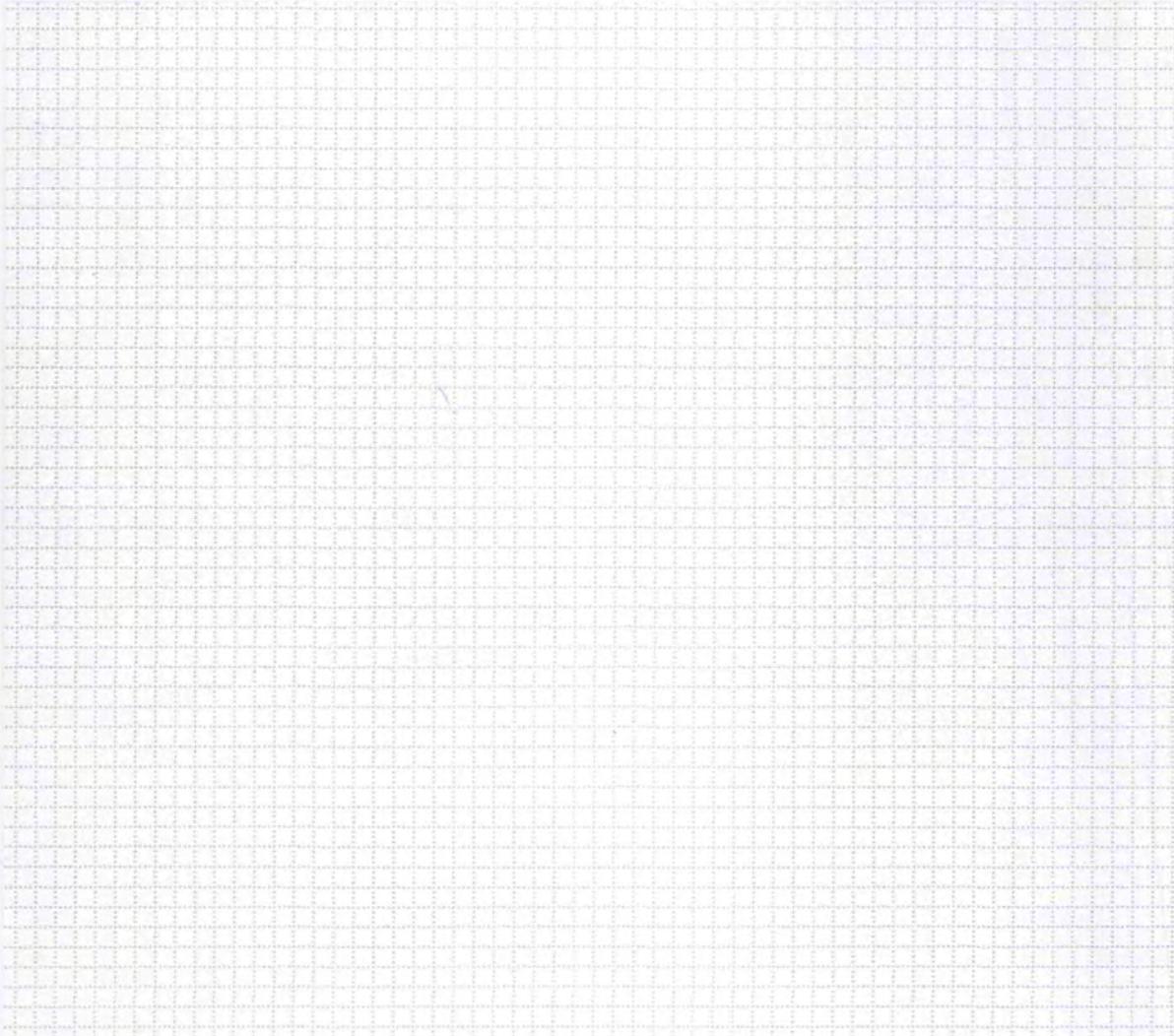
DATE: 02/05/2013

ARRIVAL TIME: (on)

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN0748C

SAMPLE ID: CN0748C-CS

SAMPLE COLLECTION TIME: 0950

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard at Bldg S Not 32nd Ave N

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CN0748C-CS 0951

GPS Coordinates: Trimble [X] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W- _____

Media description: _____ DK brown silty clay m-f damp

Aliquot #2 Latitude: _____ N Longitude: _____ W- _____

Media description: All visible soil on surface DK brown silty clay w/orange clay m-f damp

Aliquot #3: Latitude: _____ N Longitude: _____ W- _____

Media description: DK brown silty clay w/orange clay m-f damp

Aliquot #4: Latitude: _____ N Longitude: _____ W- _____

Media description: DK brown silty clay m-f damp

Aliquot #5: Latitude: _____ N Longitude: _____ W- _____

Media description: DK brown silty clay w/orange clay m-f damp

} all w/ rock fragments

STATION ID: CN0748 D

SAMPLE ID: CN0748D-CS

SAMPLE COLLECTION TIME: 0956

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards at Bldg S Not 32nd Ave N

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CN0748D-CS 0958

GPS Coordinates: Trimble [X] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W- _____

Media description: medium brown silty clay m damp

Aliquot #2 Latitude: _____ N Longitude: _____ W- _____

Media description: Same soil

Aliquot #3: Latitude: _____ N Longitude: _____ W- _____

Media description: Same soil

Aliquot #4: Latitude: _____ N Longitude: _____ W- _____

Media description: Same soil

Aliquot #5: Latitude: _____ N Longitude: _____ W- _____

Media description: Same soil

(b) (6)

ADDRESS: (5) (5) PROPERTY ID: CN07M8(09)
DATE: 02/05/2013 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

STATION ID: CN0748E

SAMPLE ID: CN0748E-CS

SAMPLE COLLECTION TIME: 1024

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards of Blgs N of 32nd Ave ✓

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 020168 Logged? or N

Aliquot #1: Latitude: N Longitude W

Media description: OK brown silt in damp

Aliquot #2: Latitude: N Longitude W

Media description: same soil

Aliquot #3: Latitude: N Longitude W

Media description: same soil

Aliquot #4: Latitude: N Longitude W

Media description: same soil

Aliquot #5: Latitude: N Longitude W

Media description: same soil

STATION ID: CN0748F

SAMPLE ID: CN074F-CS

SAMPLE COLLECTION TIME: 1027

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards of Blgs of 32nd Ave as it turns

Collection: Composite or Grab

MS/MSD? Y or N

corner of Blgs as they change from E-W to N-S orientation

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 020168 Logged? or N

Aliquot #1: Latitude: N Longitude W

Media description: It brown silt clay m-f damp

Aliquot #2: Latitude: N Longitude W

Media description: same soil

Aliquot #3: Latitude: N Longitude W

Media description: same soil

Aliquot #4: Latitude: N Longitude W

Media description: same soil w/ coal fragments

Aliquot #5: Latitude: N Longitude W

Media description: same soil

(b) (6)

ADDRESS:

PROPERTY ID: CNO748(CJ)

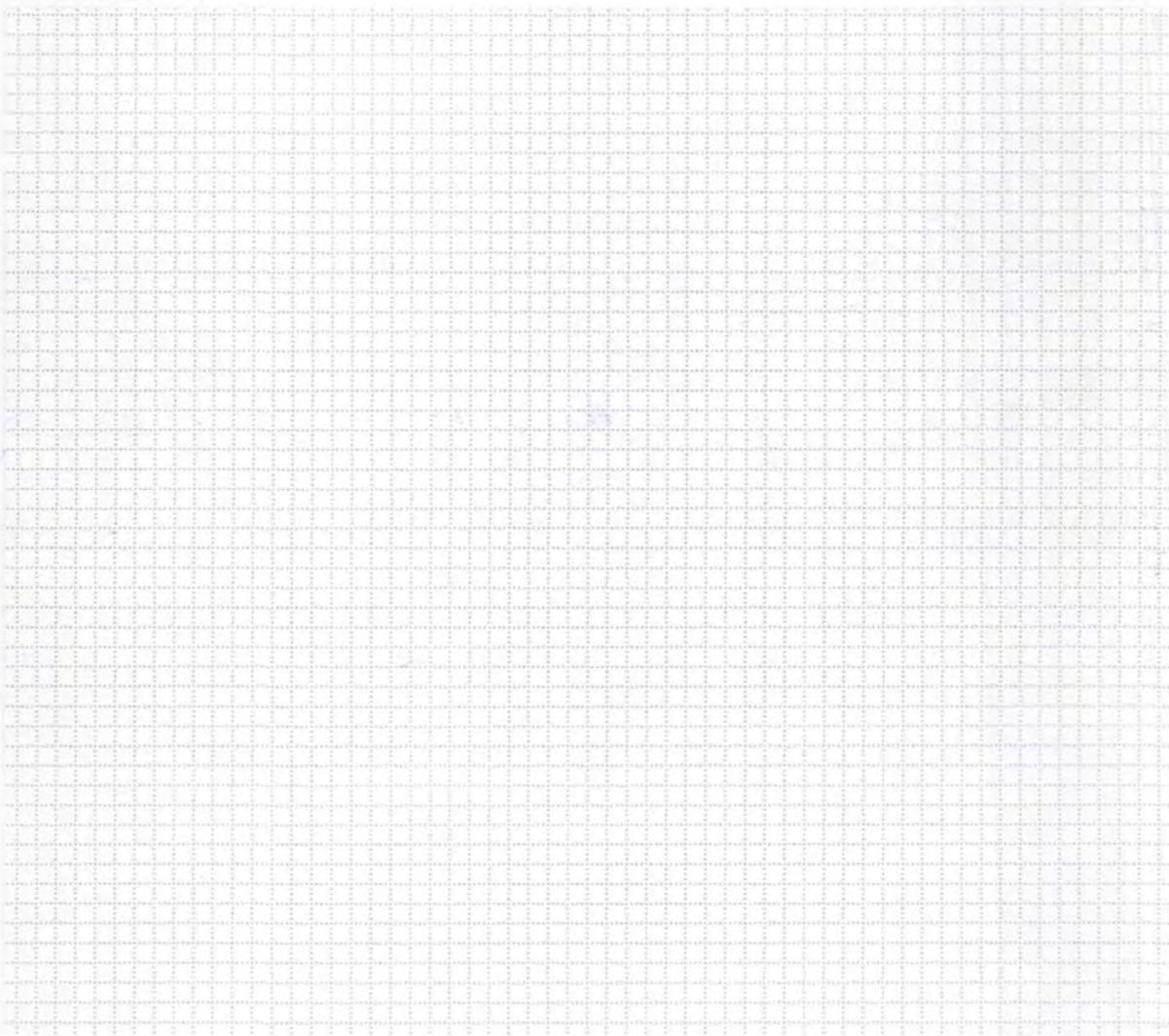
DATE: 02/05/2013

ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN07486 SAMPLE ID: CN07486-CS

SAMPLE COLLECTION TIME: 10:35^{AM}

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards of blgs on 32nd Ave N, at the curve
of 30th Ave

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: Burnt silt clay m damp w/ some gravel

Aliquot #2: Latitude: N Longitude W

Media description: Same soil

Aliquot #3: Latitude: N Longitude W

Media description: Same soil

Aliquot #4: Latitude: N Longitude W

Media description: Same soil

Aliquot #5: Latitude: N Longitude W

Media description: Same soil

Arrival 12:45 51°F calm wind, cloudy, 99% humidity

STATION ID: CN0748H SAMPLE ID: CN0748 H-CS

SAMPLE COLLECTION TIME: 13:22

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back of last ~~(N)~~ apt blgs on 32nd Ave N, as it turns NE

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: Med brown silt clay w/ reddish clay damp m w/ coal fragments

Aliquot #2: Latitude: N Longitude W

Media description: Same soil

Aliquot #3: Latitude: N Longitude W

Media description: Same soil

Aliquot #4: Latitude: N Longitude W

Media description: Same soil

Aliquot #5: Latitude: N Longitude W

Media description: Same soil

(b) (6)

ADDRESS: _____ PROPERTY ID: CN0748 (con.)

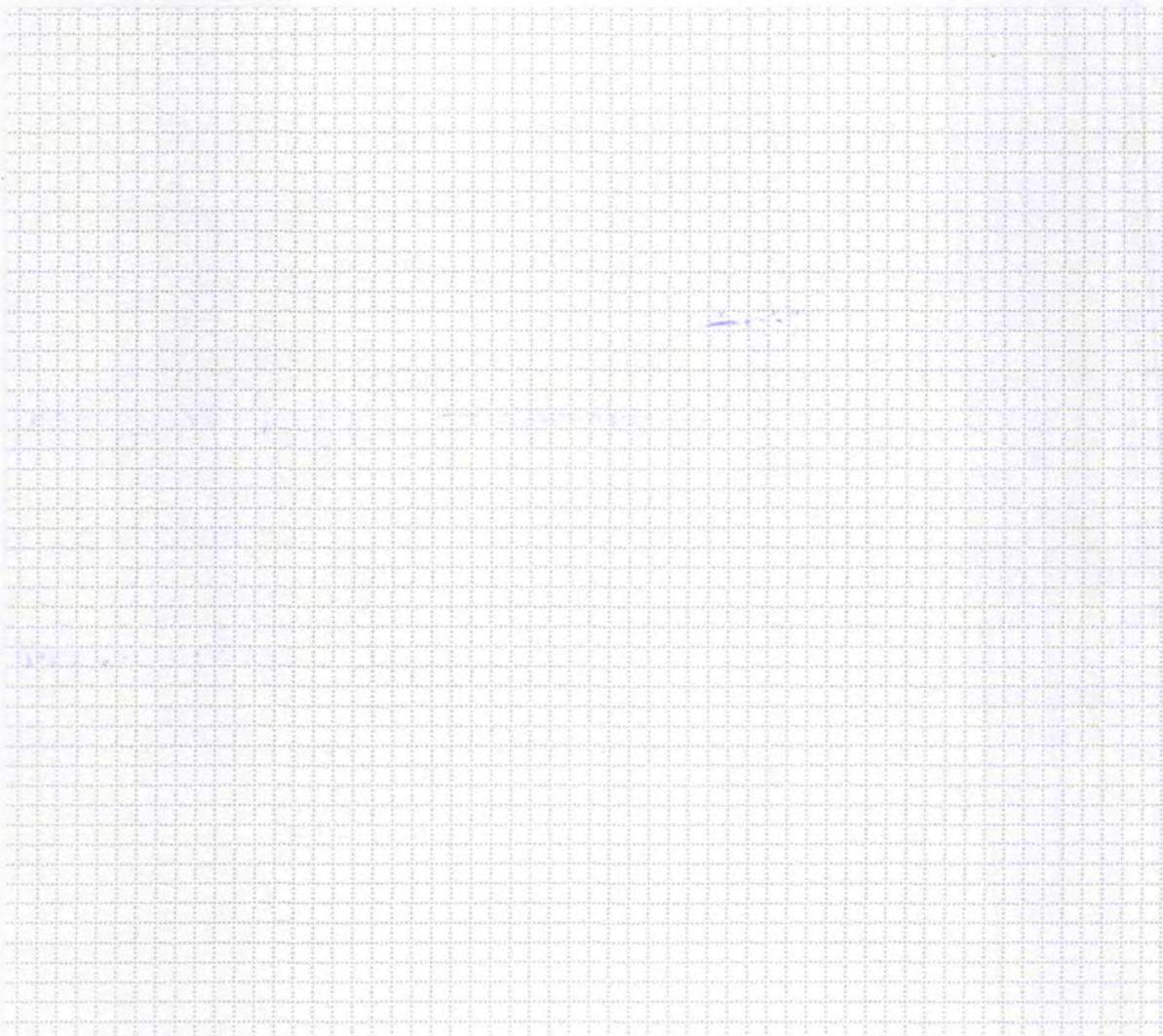
DATE: 02/05/2013

ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN0748I SAMPLE ID: CN0748I-CS

SAMPLE COLLECTION TIME: 1300

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front of last ~~apt~~ apt buildings ~~as 32° Ave N turns~~ N-S

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: dk brown silty clay w/m gravel damp

Aliquot #2: Latitude: N Longitude W

Media description: same soil as #1

Aliquot #3: Latitude: N Longitude W

Media description: brown silty clay dry

Aliquot #4: Latitude: N Longitude W

Media description: same soil as #1

Aliquot #5: Latitude: N Longitude W

Media description: same soil as #1

STATION ID: CN 0748J SAMPLE ID: CN0748J-CS

SAMPLE COLLECTION TIME: 1318

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yards of last (North) row of apt bldgs on curve of 32° Ave N

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: brown silty clay damp w/red gravel and coal fragments

Aliquot #2: Latitude: N Longitude W

Media description: brown silty clay damp w/red gravel and coal fragments

Aliquot #3: Latitude: N Longitude W

Media description: same soil

Aliquot #4: Latitude: N Longitude W

Media description: same soil

Aliquot #5: Latitude: N Longitude W

Media description: same soil

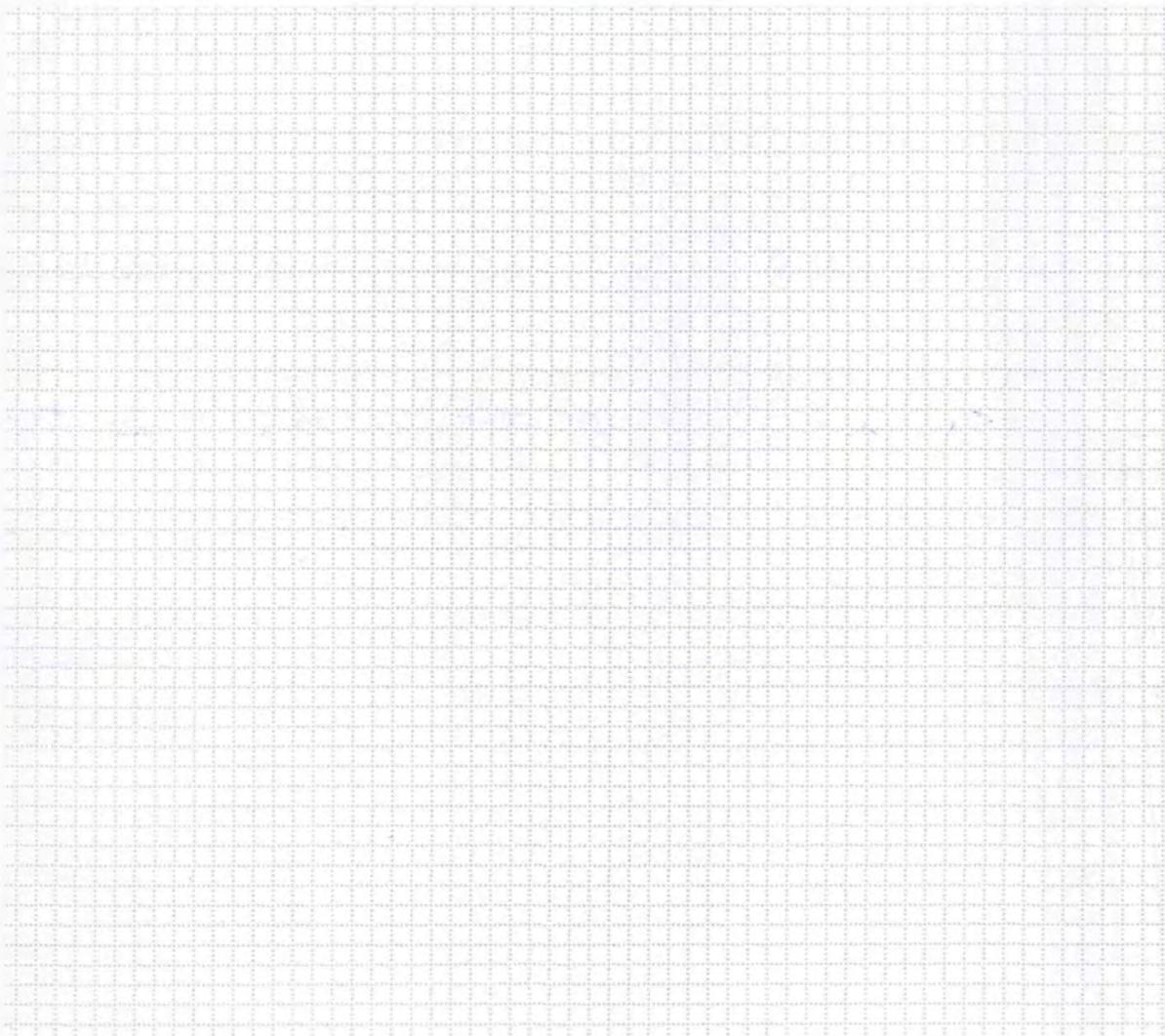
(b) (6)

ADDRESS: _____ PROPERTY ID: CV0748 (con)
DATE: 02/03/2013 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN0748K

SAMPLE ID: CN0748K-CS

SAMPLE COLLECTION TIME: 1322

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard of lot (North) row of Apt blds on curve at

Collection: Composite or Grab

MS/MSD? Y or N 32nd Ave

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Med Brun silt clay damp m w/coal fragments

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: Same soil

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: Same soil

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: Same soil

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: Same soil

STATION ID: CN0748L

SAMPLE ID: CN0748L-CS

SAMPLE COLLECTION TIME: 1329

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard of lot (N) row of blds N side of 32nd Ave

Collection: Composite or Grab

MS/MSD? Y or N N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Dark brown silt clay damp w/ coal fragments

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: Same soil

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: Same soil

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: Same soil

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: Brown silt clay damp w/ coal fragments

(b) (6)

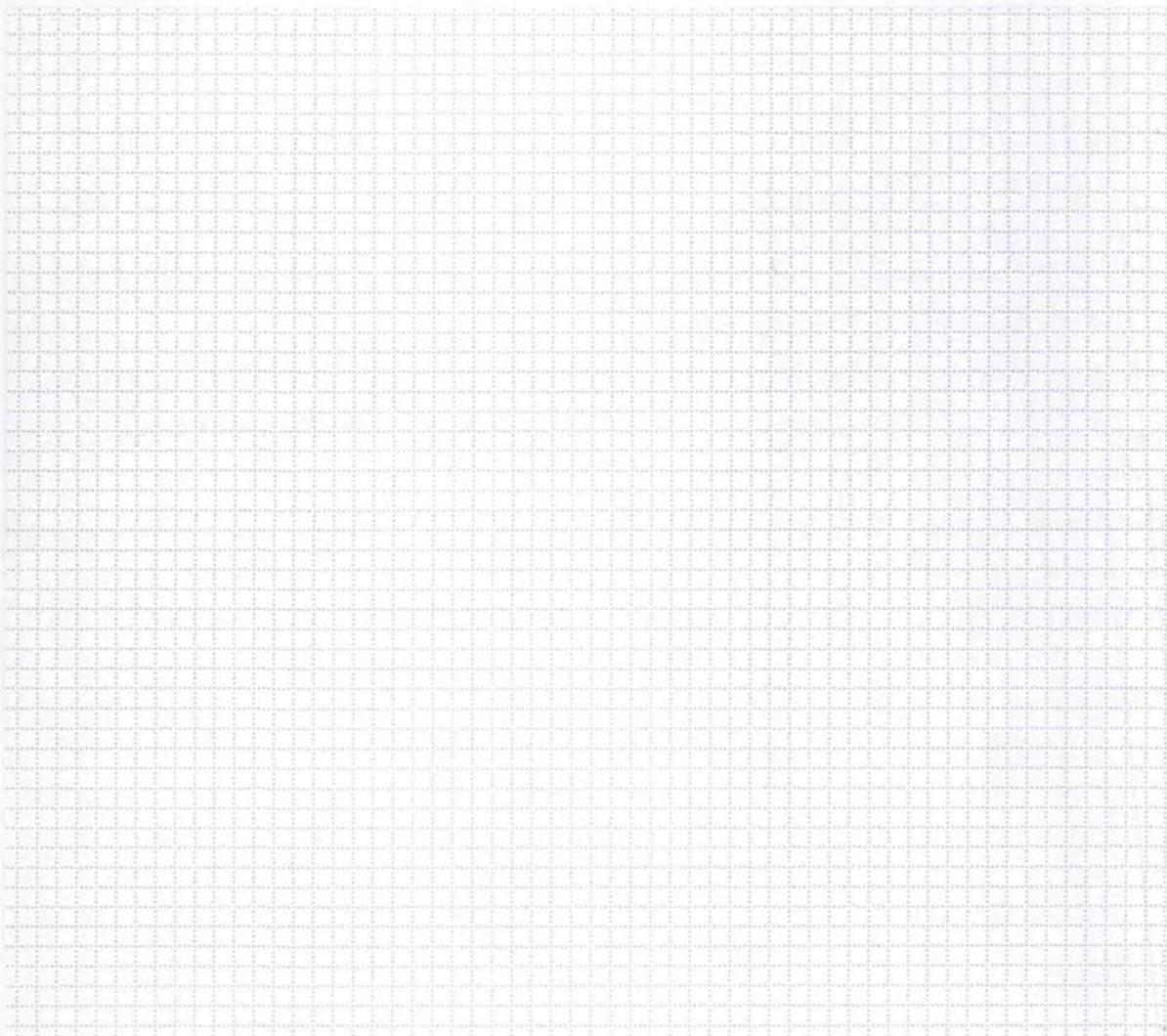
ADDRESS: _____ PROPERTY ID: CN0748(CW)

DATE: 02/03/2013 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CNØ748 M

SAMPLE ID: CNØ748M-CS

SAMPLE COLLECTION TIME: 1331

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard at last (N) row of apt bldgs N. side of 32nd Ave N

Collection: Composite or Grab

MS/MSD? Y or NField Duplicate or Split: Yes or If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: 020168	Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude:	N Longitude	W
Media description:	Bun silt clay drp w/medgravel E coal fragments	
Aliquot #2: Latitude:	N Longitude	W
Media description:	Bun silt clay drp w/medgravel	
Aliquot #3: Latitude:	N Longitude	W
Media description:	Bun silt clay drp w/medgravel	
Aliquot #4: Latitude:	N Longitude	W
Media description:	Bun silt clay drp w/medgravel E coal fragments	
Aliquot #5: Latitude:	N Longitude	W
Media description:	Bun silt clay drp w/medgravel	

STATION ID: CNØ748N

SAMPLE ID: CNØ748N-CS

SAMPLE COLLECTION TIME: 1333

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard at last (N) row of apt bldgs N. side of 32nd Ave N

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: 020168	Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude:	N Longitude	W
Media description:	At bun silt drp	
Aliquot #2: Latitude:	N Longitude	W
Media description:	Sam ssil -	
Aliquot #3: Latitude:	N Longitude	W
Media description:	Sam ssil	
Aliquot #4: Latitude:	N Longitude	W
Media description:	Sam ssil	
Aliquot #5: Latitude:	N Longitude	W
Media description:	Sam ssil	

(b) (6)

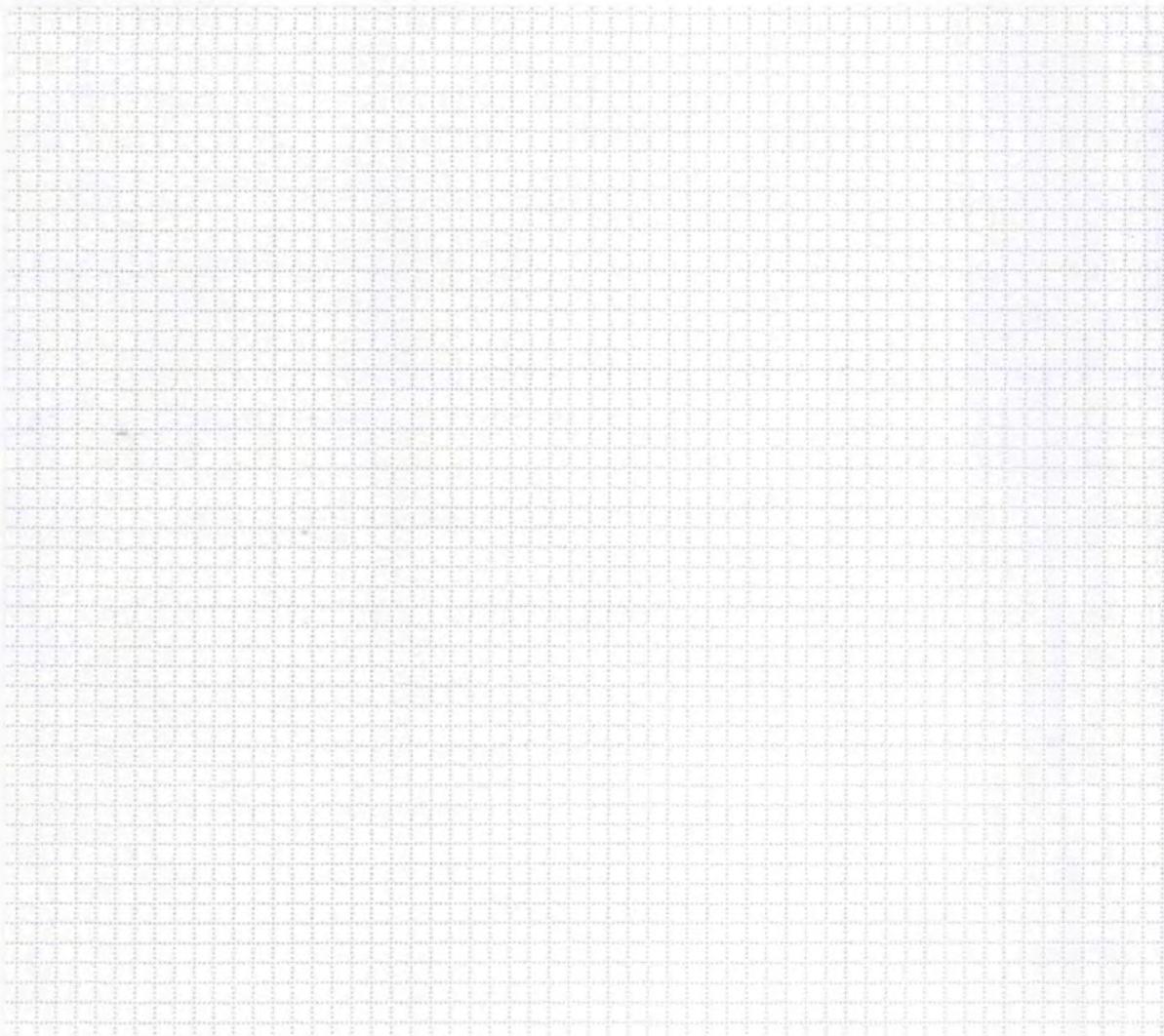
ADDRESS _____ PROPERTY ID: CN0748
DATE: 02/03/2013 ARRIVAL TIME: — (cont)

Other pertinent information (weather conditions, etc.):

52°F light rain, 87% humidity, calm

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV07480 SAMPLE ID: CV07480-CS

SAMPLE COLLECTION TIME: 1334

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard of last (N) row of apt bldgs, N side of
32nd Ave N

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Md brown silty clay m/dry w/coal fragmets

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: Same soil

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: Same soil

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: lt brown silty clay m/dry w/coal fragmets

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: Same soil as #1

Rain today until 1430
STATION ID: CV0748P

SAMPLE ID: CV0748P-CS

SAMPLE COLLECTION TIME: 1443

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard of 2nd back (N) row of Apt Bldgs near PL Shattlesworth/
S side of 32nd Ave N) Huntsville Rd

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Brown silty clay w/orange clay m/dry w/coal fragmets

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: same soil

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: same soil

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: same soil

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: same soil

(b) (6)

ADDRESS:

)

PROPERTY ID: W0748
(con)

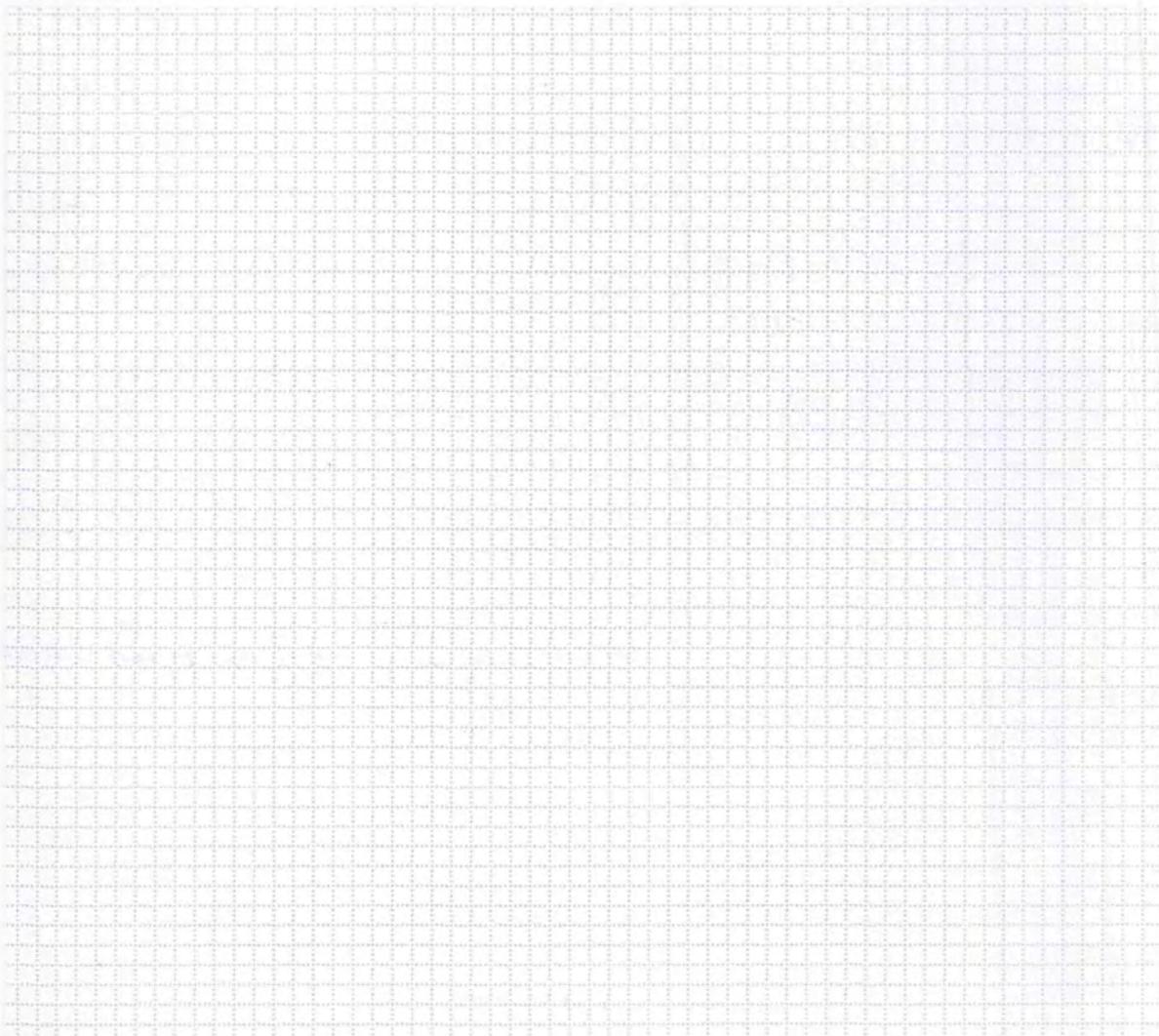
DATE: 02/05/2013

ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN0748Q SAMPLE ID: CN0748Q-CS

SAMPLE COLLECTION TIME: 1442

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard of S-side of 32nd Ave N

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W _____

Media description: DR brown silty clay damp w/gravel & coal fragments

Aliquot #2: Latitude: _____ N Longitude: _____ W _____

Media description: DR brown silty clay damp w/gravel & coal fragments

Aliquot #3: Latitude: _____ N Longitude: _____ W _____

Media description: Brown silty clay damp w/some gravel

Aliquot #4: Latitude: _____ N Longitude: _____ W _____

Media description: same soil as #1

Aliquot #5: Latitude: _____ N Longitude: _____ W _____

Media description: same soil as #1

STATION ID: CN0748R SAMPLE ID: CN0748R-CS

SAMPLE COLLECTION TIME: 1459

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard of S-side of 32nd Ave N

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W _____ med gravel

Media description: Brown silty clay damp w/gravel & mud w/coal fragments

Aliquot #2: Latitude: _____ N Longitude: _____ W _____

Media description: same soil as #1

Aliquot #3: Latitude: _____ N Longitude: _____ W _____

Media description: same soil as #1

Aliquot #4: Latitude: _____ N Longitude: _____ W _____

Media description: same soil as #1

Aliquot #5: Latitude: _____ N Longitude: _____ W _____

Media description: same soil as #1

Pale tan orange silty clay dry w/gravel & construction debris

(b) (6)

ADDRESS:

PROPERTY ID: CN0748

DATE:

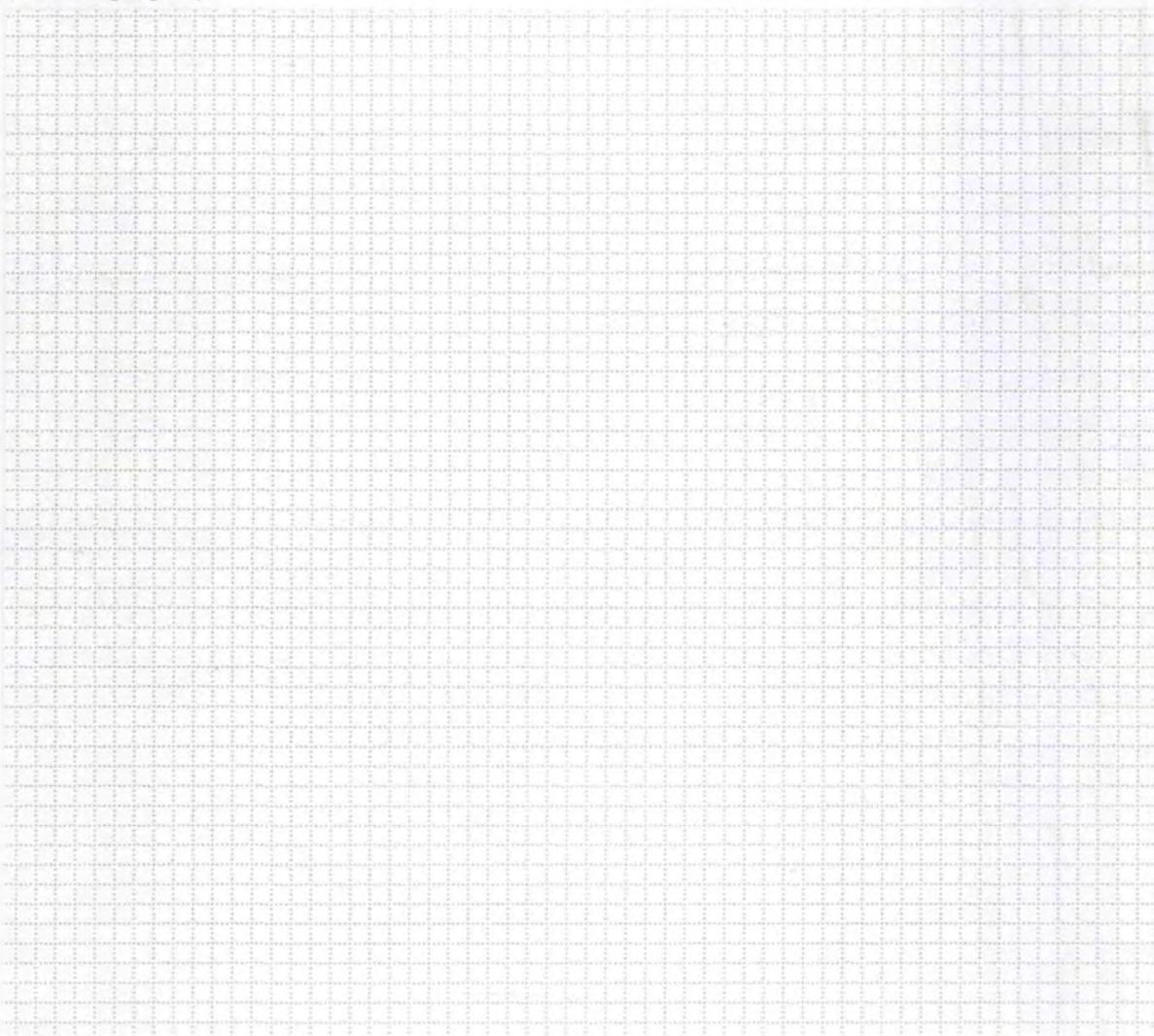
02/05/2013

ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0748SSAMPLE ID: CV0748S-CSSAMPLE COLLECTION TIME: 1507

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yards along S side of 32nd Avenue N, at curve of road

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Brown/silty clay w/ reddish orange clay nodules w/ coal fragments

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: Sqm soil

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: Sqm soil

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: Sqm soil

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: Sqm soil

STATION ID: CV0748T SAMPLE ID: CV0748T-CSSAMPLE COLLECTION TIME: 1519

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards of apt blds on S side of 32nd Ave N, E of N side of 31st Ave N Blds

Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Red/orange Silt clay damp w/ gravel & coal fragments

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: Dark brown Silt clay damp w/ coal fragments

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: Sqm soil as #2

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: same soil as #2

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: sqm soil as #2

(b) (6)

ADDRESS: _____ PROPERTY ID: CNO 748 (con)

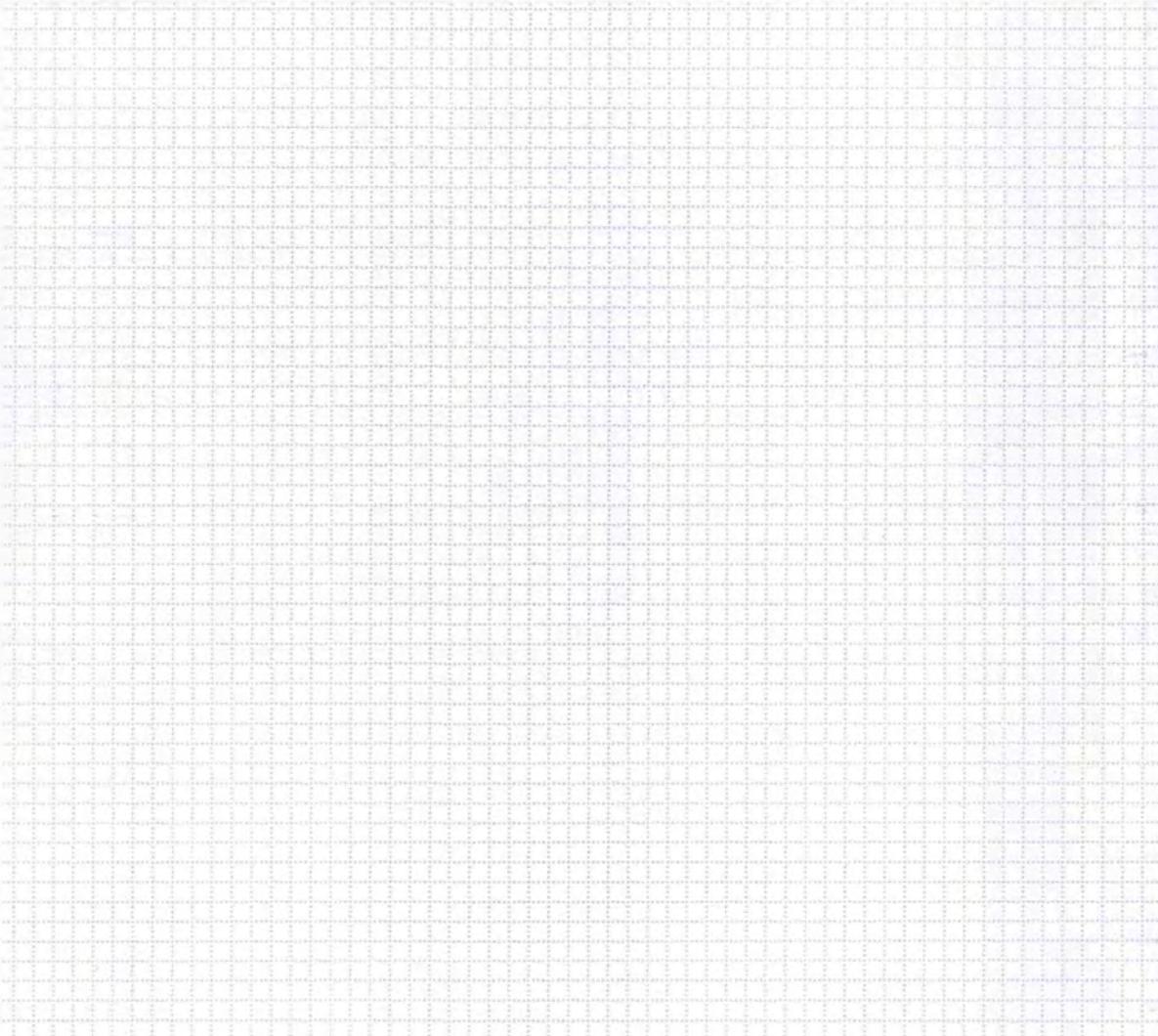
DATE: 02/05/2023 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

53° Mostly cloudy 93% humidity calm

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CNO748U-2

SAMPLE ID: CNO748U-CS

SAMPLE COLLECTION TIME: 1522

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards at Bldgs on side of 32nd Ave N & of N side of 31st Ave N
Bldgs

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W _____

Media description: Med brown silty clay-damp w/ coal fragments

Aliquot #2: Latitude: _____ N Longitude: _____ W _____

Media description: Med brown silty clay-moist damp w/ coal fragments

Aliquot #3: Latitude: _____ N Longitude: _____ W _____

Media description: Med brown silty clay-moist damp w/ coal fragments

Aliquot #4: Latitude: N _____ N Longitude: _____ W _____

Media description: Med brown silty clay-moist damp w/ coal fragments

Aliquot #5: Latitude: _____ N Longitude: _____ W _____

Media description: Med brown silty clay-moist damp w/ coal fragments

STATION ID: CNO748V-

SAMPLE ID: CNO748V-CS

SAMPLE COLLECTION TIME: 1530

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards at Bldgs on side of 32nd Ave N & of N side of 31st Ave N
Bldgs

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W _____

Media description: Med brown silty clay-moist damp

Aliquot #2: Latitude: _____ N Longitude: _____ W _____

Media description: Med brown silty clay-moist damp

Aliquot #3: Latitude: _____ N Longitude: _____ W _____

Media description: Med brown silty clay-moist damp

Aliquot #4: Latitude: _____ N Longitude: _____ W _____

Media description: Med brown silty clay-moist damp w/ orange clay

Aliquot #5: Latitude: _____ N Longitude: _____ W _____

Media description: Med brown silty clay-moist damp

(b) (6)

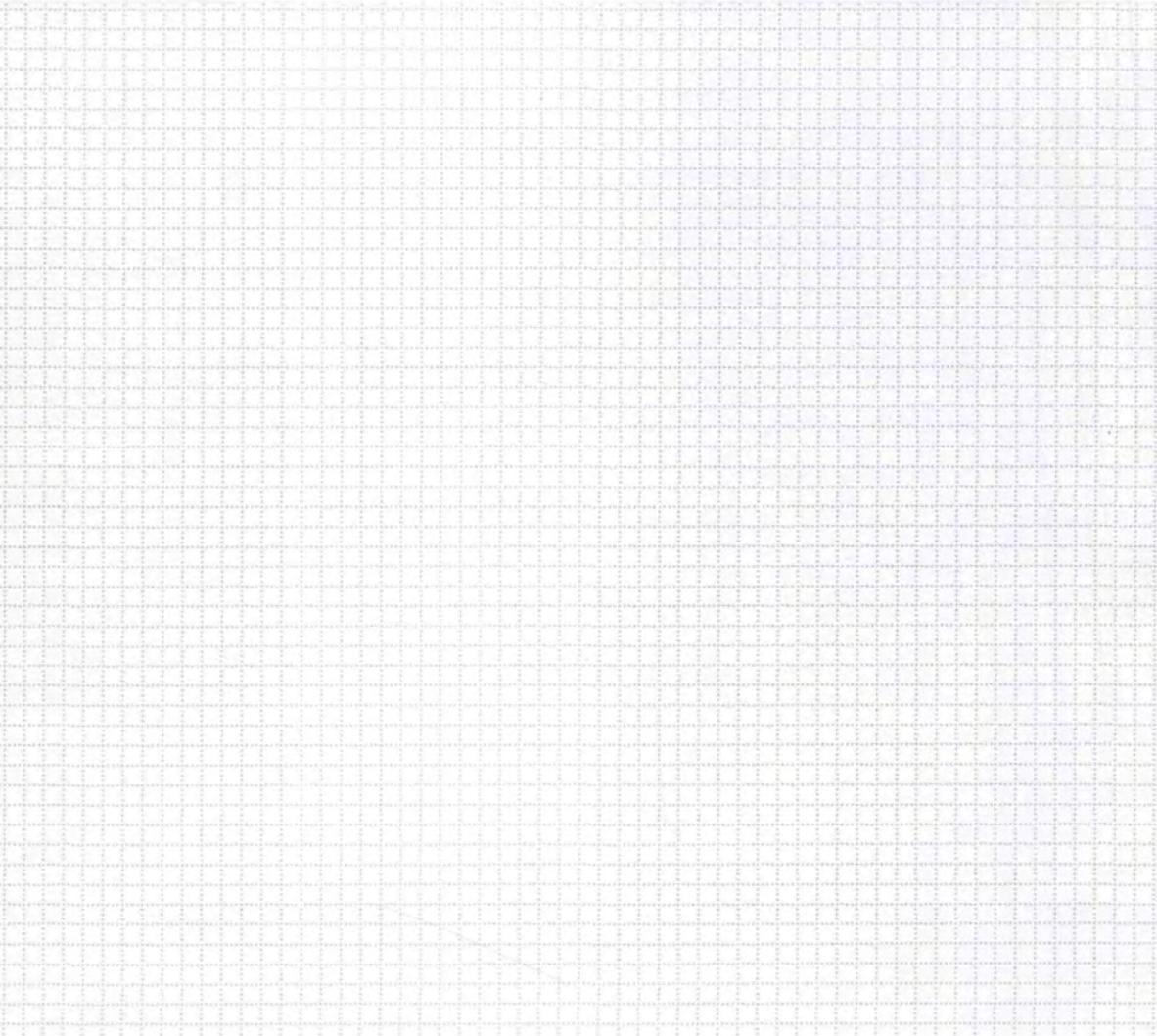
ADDRESS: 10 PROPERTY ID: CN0748 (cn.)
DATE: 02/06/2013 ARRIVAL TIME: 0835

Other pertinent information (weather conditions, etc.):

47° Fog calm 95% hum. dry

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0748W SAMPLE ID: CV0748W-CS

SAMPLE COLLECTION TIME: 0851

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards of apt blds on 32nd Ave N & 31st Ave N

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: Med Bwn slyt clay m damp

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: lt bwn slyt clay m damp

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: dk bwn slyt clay m damp

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: med bwn slyt clay m damp

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Med Bwn slyt clay w/red clay m damp

STATION ID: CV0748X SAMPLE ID: CV0748

SAMPLE COLLECTION TIME: 0854

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards of apt blds on 32nd Ave N & 31st Ave N

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: Med Bwn slyt clay m-f damp

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: same slyt

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same slyt

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same slyt

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same slyt

(b) (6)

ADDRESS:

PROPERTY ID: CW07486J

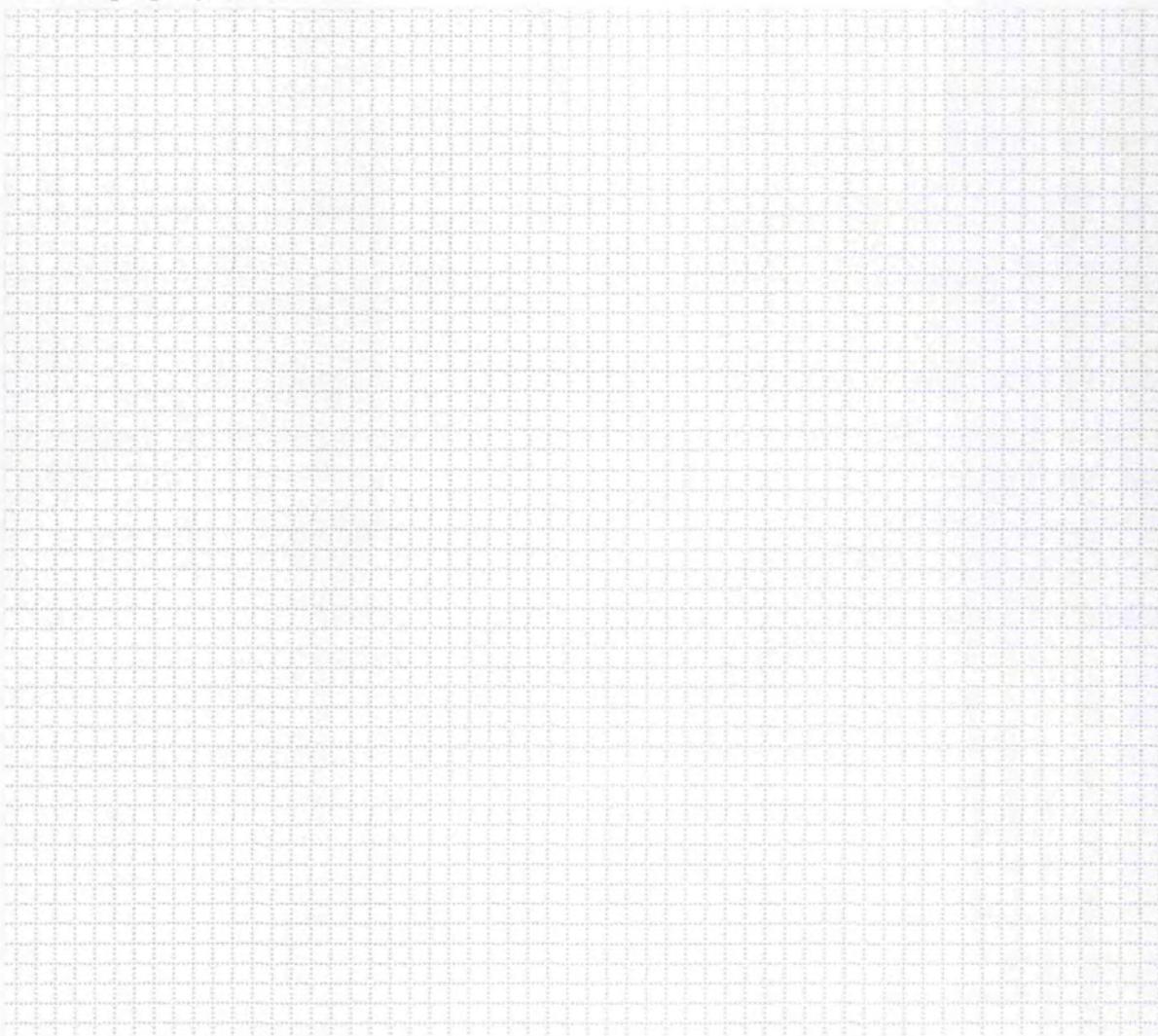
DATE: 02/06/13

ARRIVAL TIME: 10:00

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN0748Y SAMPLE ID: CN0748Y-C

SAMPLE COLLECTION TIME: 0906

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards of Bldgs on 32nd Ave E 31st Ave N

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 02016Y Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: Dark brown to black silty clay in damp

Aliquot #2: Latitude: N Longitude W

Media description: Same soil

Aliquot #3: Latitude: N Longitude W

Media description: Same soil

Aliquot #4: Latitude: N Longitude W

Media description: Same soil

Aliquot #5: Latitude: N Longitude W

Media description: Same soil

STATION ID: CN0748Z SAMPLE ID: CN0748

SAMPLE COLLECTION TIME: 0909

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yards of Bldgs on 32nd E 31st Avenues N (Closest to fence line along FL shrubscrub)

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: 02016Y Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: Md to Dr Brown silty clay in damp

Aliquot #2: Latitude: N Longitude W

Media description: Same soil

Aliquot #3: Latitude: N Longitude W

Media description: Same soil

Aliquot #4: Latitude: N Longitude W

Media description: Same soil

Aliquot #5: Latitude: N Longitude W

Media description: Same soil

(b) (6)

ADDRESS:

PROPERTY ID: CW0748 (en)

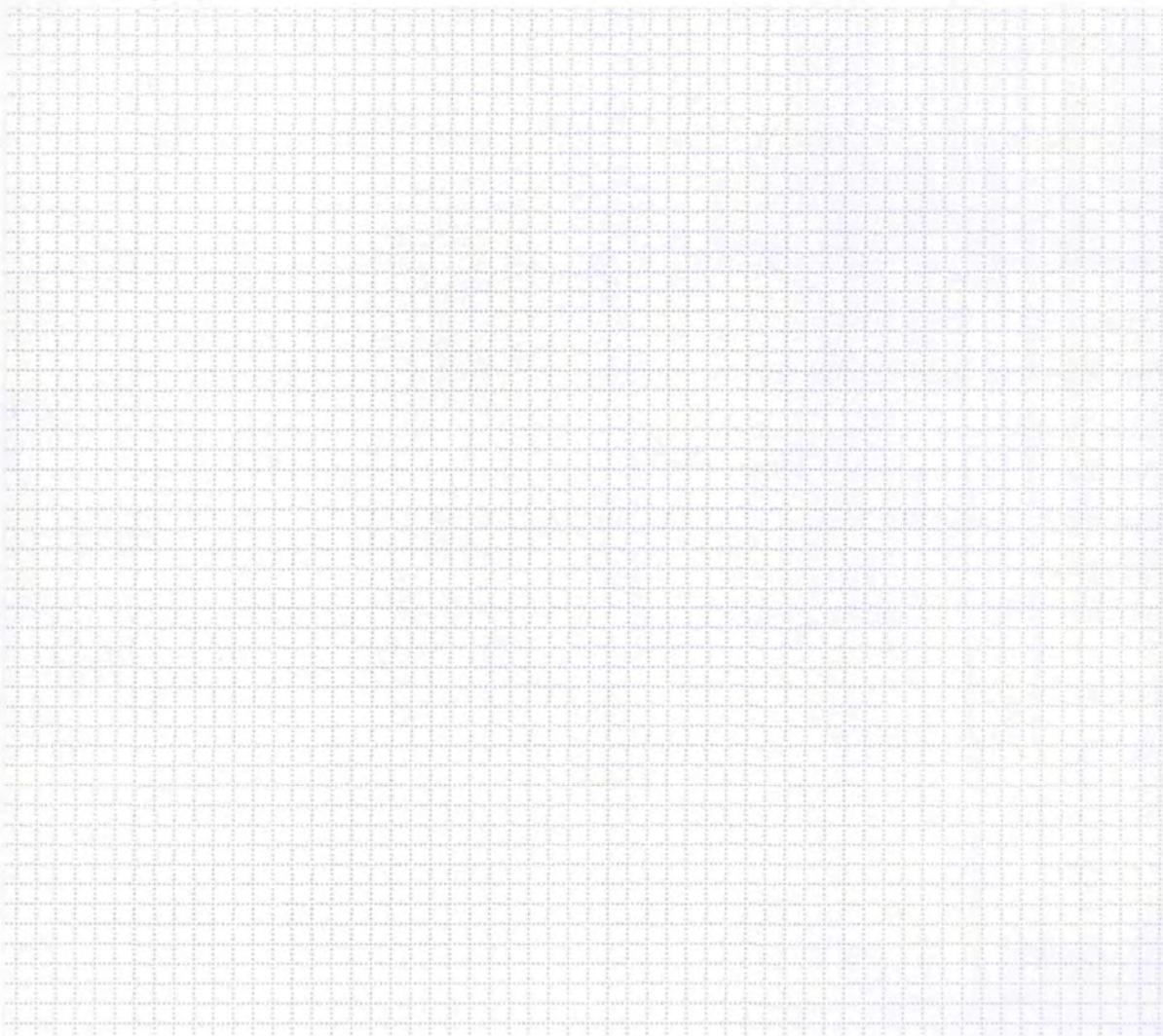
DATE: 02/06/13

ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN0748AB

SAMPLE ID: CN0748AB-6S

SAMPLE COLLECTION TIME: 0918

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Along fence line at PL Shorthaven in back yards of Dldgs between 32nd Ave & 31st Ave

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W _____

Media description: Md Brown Silt clay or clay

Aliquot #2: Latitude: _____ N Longitude _____ W _____

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W _____

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W _____

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W _____

Media description: _____

STATION ID: CN0748AA

SAMPLE ID: CN0748AA-5

SAMPLE COLLECTION TIME: 0929

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W _____

Media description: ~~1 ft to die brown silt clay w/ red clay m-c damp w/debris~~

Aliquot #2: Latitude: _____ N Longitude _____ W _____

Media description: ~~Sam soil~~

Aliquot #3: Latitude: _____ N Longitude _____ W _____

Media description: ~~Sam soil~~

Aliquot #4: Latitude: _____ N Longitude _____ W _____

Media description: ~~Sam soil~~

Aliquot #5: Latitude: _____ N Longitude _____ W _____

Media description: ~~Sam soil~~

(b) (6)

ADDRESS

PROPERTY ID: EN0748

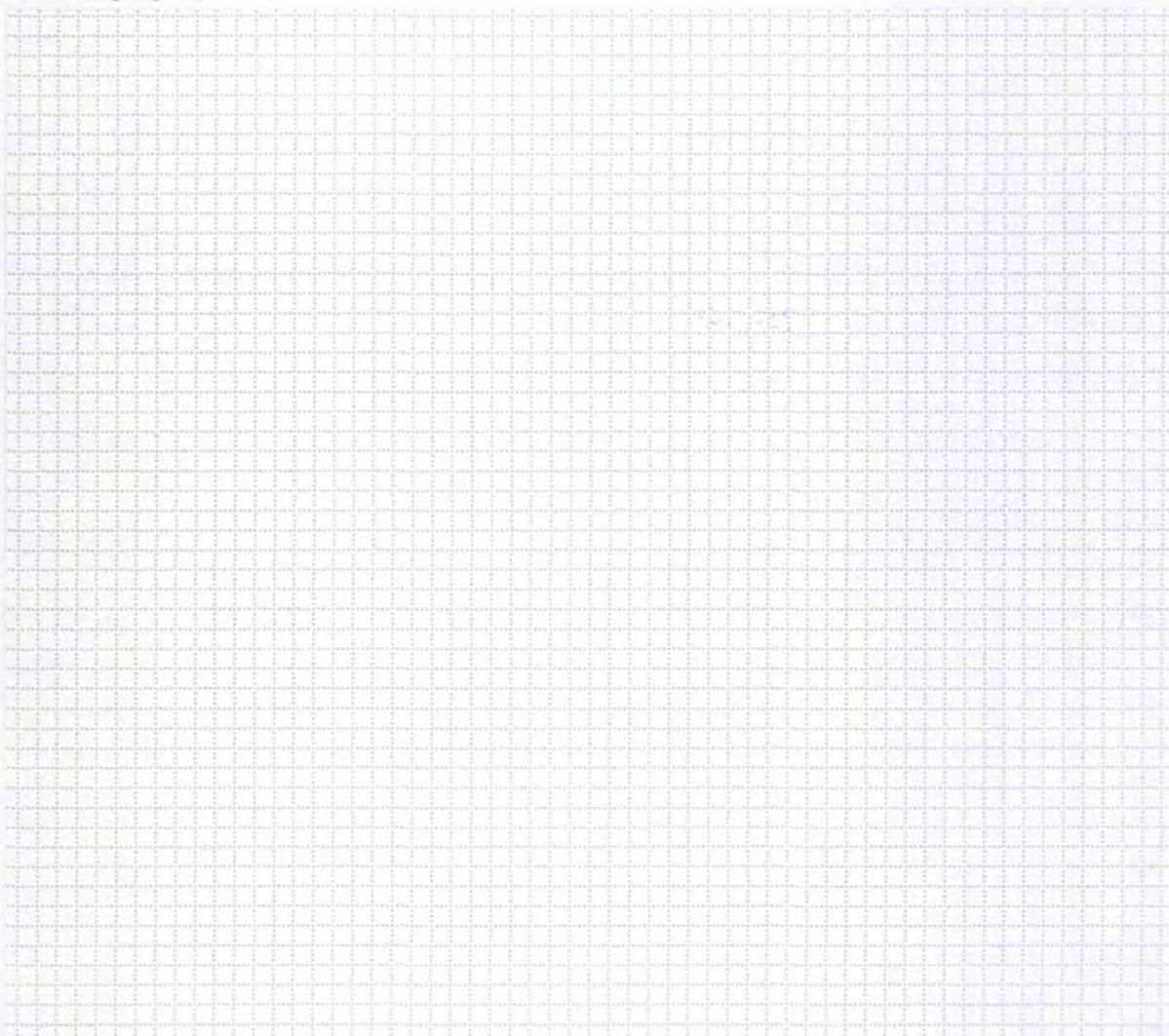
DATE: 02/06/2013

ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CWD748BB SAMPLE ID: CWD748BB-CS

SAMPLE COLLECTION TIME: 0924

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite	or	Grab	MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:			
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:			Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude:	N Longitude	W	
Media description:	Med Bwn Slt clay m dmp w/ gravel		
Aliquot #2: Latitude:	N Longitude	W	
Media description:	Srm soil		
Aliquot #3: Latitude:	N Longitude	W	
Media description:	Srm soil		
Aliquot #4: Latitude:	N Longitude	W	
Media description:	Srm soil		
Aliquot #5: Latitude:	N Longitude	W	
Media description:	Srm soil		

STATION ID: CWD748CC SAMPLE ID: CWD748CC-CS

SAMPLE COLLECTION TIME: ~~0924~~ 0937

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite	or	Grab	MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:			
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:			Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude:	N Longitude	W	
Media description:	DK bwn silt clay m dmp		
Aliquot #2: Latitude:	N Longitude	W	
Media description:	Srm soil		
Aliquot #3: Latitude:	N Longitude	W	
Media description:	Srm soil		
Aliquot #4: Latitude:	N Longitude	W	
Media description:	Srm soil		
Aliquot #5: Latitude:	N Longitude	W	
Media description:	Srm soil		

(b) (6)

ADDRESS:

PROPERTY ID: EV074867

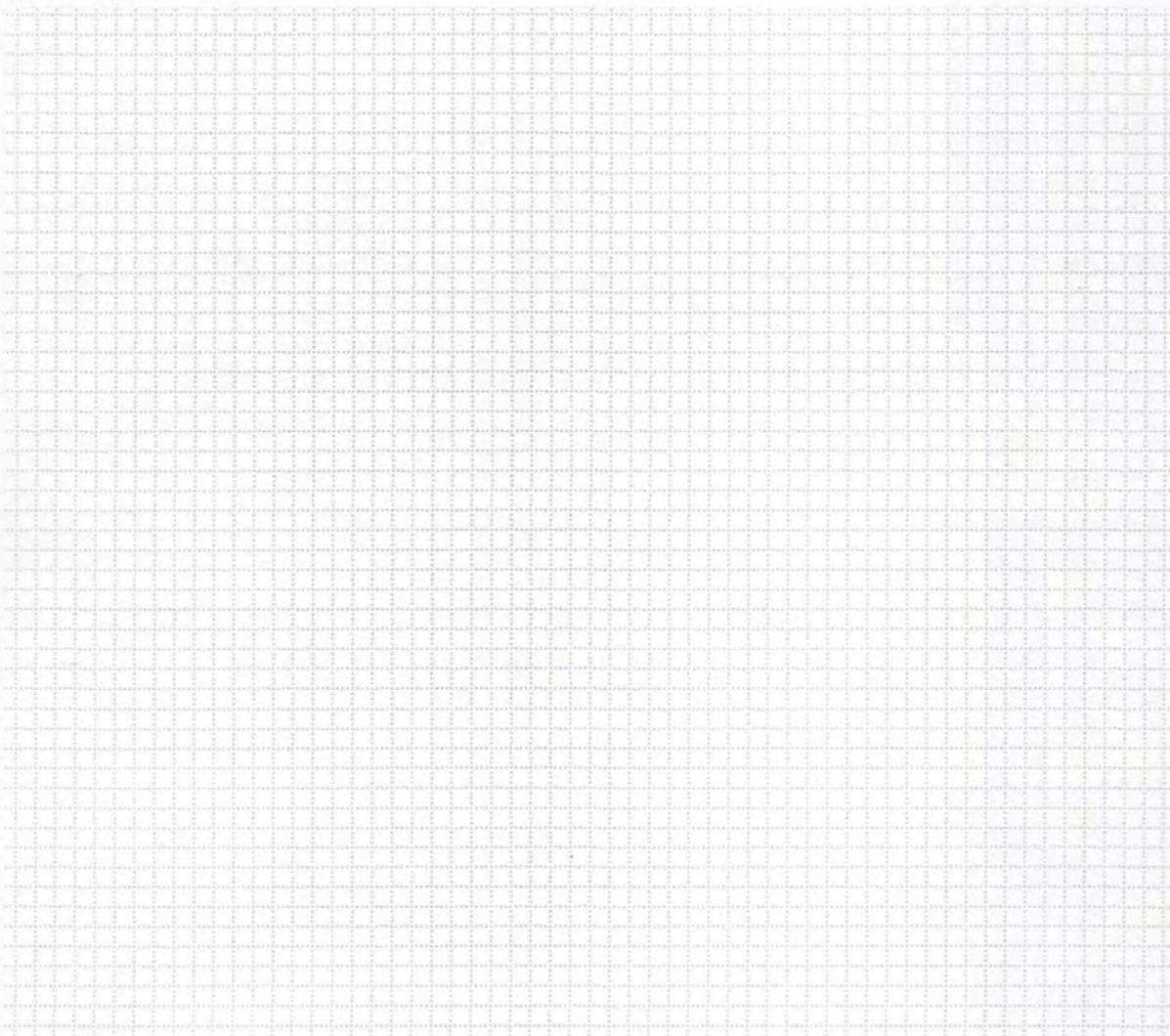
DATE: 02/06/13 (in)

ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN074800

SAMPLE ID: CN074800-CS

SAMPLE COLLECTION TIME: 0939

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: OK brown silty clay m damp w/ gravel & coal fragments

Aliquot #2: Latitude: N Longitude W

Media description: Same soil

Aliquot #3: Latitude: N Longitude W

Media description: Same soil

Aliquot #4: Latitude: N Longitude W

Media description: Same soil

Aliquot #5: Latitude: N Longitude W

Media description: Same soil

STATION ID: CN0748EE

SAMPLE ID: CN0748EE-CS

SAMPLE COLLECTION TIME: 0945

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [X] Instrument #: Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: Md Brown silty clay m damp

Aliquot #2: Latitude: N Longitude W

Media description: Md Brown silty clay m damp w/ coal fragments

Aliquot #3: Latitude: N Longitude W

Media description: Md Brown silty clay w/ orange clay m damp

Aliquot #4: Latitude: N Longitude W

Media description: Md Brown silty clay m damp

Aliquot #5: Latitude: N Longitude W

Media description: Md Brown silty clay w/ lt brown silty clay m damp

(b) (6)

ADDRESS:

PROPERTY ID: CNJ748(20N)

DATE: 02/06/2013

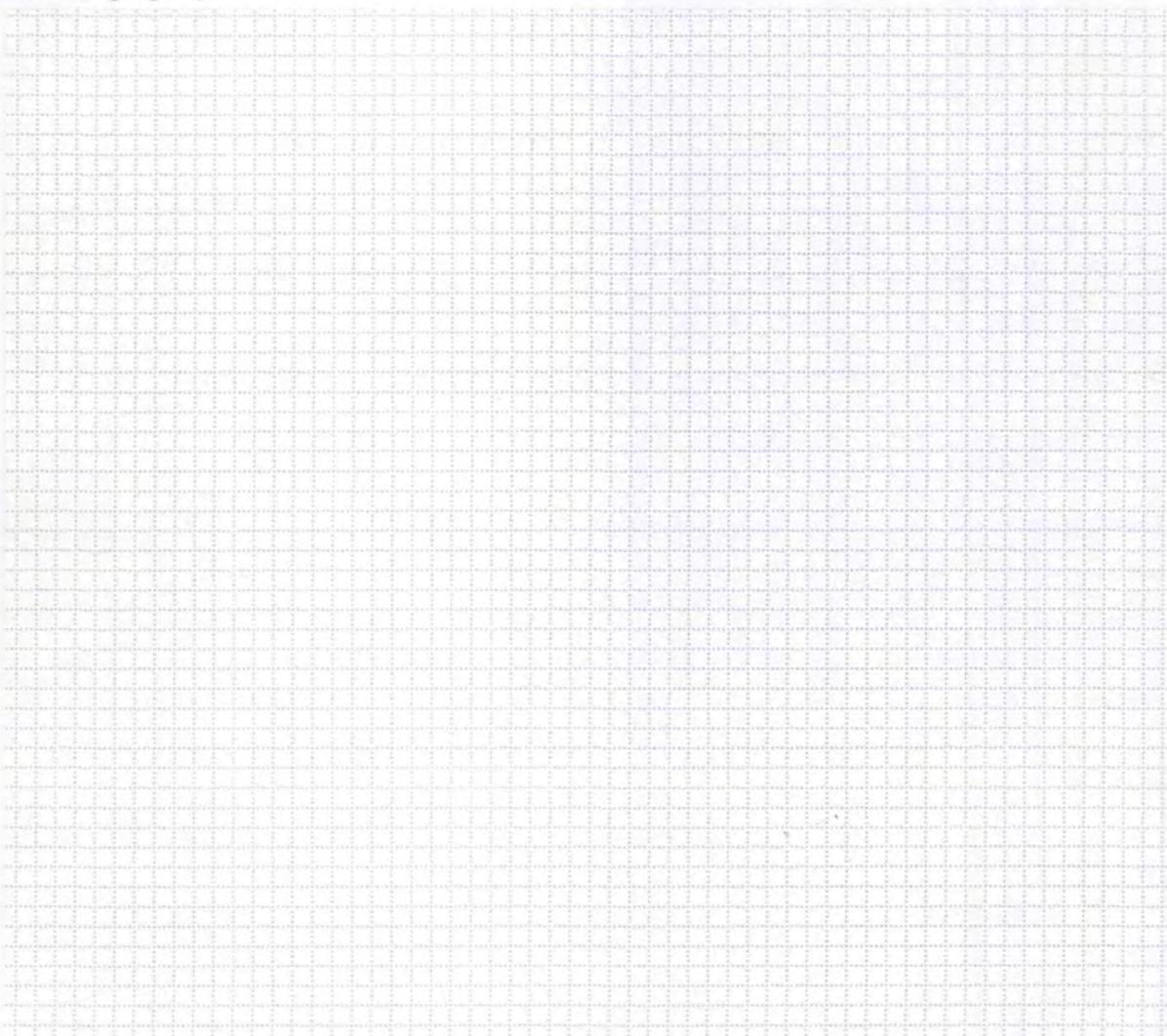
ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

59° partly cloudy, calm 95% humidity

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN0748 FF SAMPLE ID: CN0748 FF-CS

SAMPLE COLLECTION TIME: 0949

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard of blggs s of 31st Ave

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: *dk brown silt clay m damp*

Aliquot #2 Latitude: N Longitude W

Media description: *same silt*

Aliquot #3: Latitude: N Longitude W

Media description: *same silt*

Aliquot #4: Latitude: N Longitude W

Media description: *same silt*

Aliquot #5: Latitude: N Longitude W

Media description: *reddish orange silt clay m damp c/gran*

STATION ID: CN0748 66 SAMPLE ID: CN074866-CS

SAMPLE COLLECTION TIME: 0952

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard of blggs s of 31st Ave

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: *dk brown silt clay m damp*

Aliquot #2 Latitude: N Longitude W

Media description: *dk brown silt clay m damp*

Aliquot #3: Latitude: N Longitude W

Media description: *dk brown silt clay m damp*

Aliquot #4: Latitude: N Longitude W

Media description: *orange clay m damp*

Aliquot #5: Latitude: N Longitude W

Media description: *orange clay m damp*

(b) (6)

ADDRESS:

PROPERTY ID: CV0748

DATE: 02/06/13

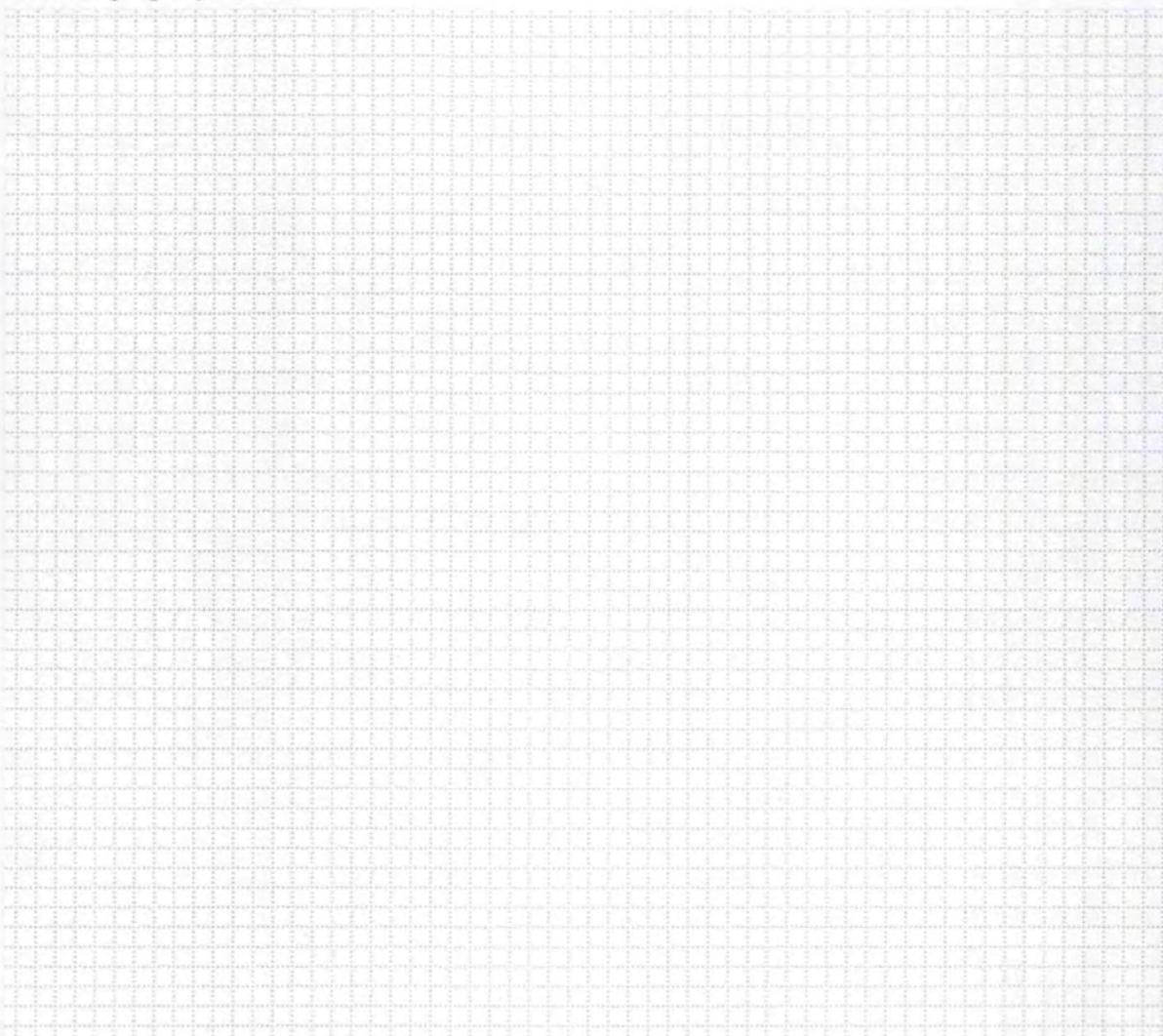
ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

50° partly cloudy, calm, 95% humidity

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN0748 HH SAMPLE ID: CN0748 HH-CS

SAMPLE COLLECTION TIME: 1010

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard at Blggs on S side of 31st Ave N

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	Logged?	<input checked="" type="radio"/> Y or <input type="radio"/> N
Aliquot #1: Latitude:	N Longitude			W
Media description:	<u>OK brown silty clay m dnp w/gravel & exrt fragments</u>			
Aliquot #2 Latitude:	N Longitude			W
Media description:	<u>Same soil</u>			
Aliquot #3: Latitude:	N Longitude			W
Media description:	<u>same soil</u>			
Aliquot #4: Latitude:	N Longitude			W
Media description:	<u>same soil</u>			
Aliquot #5: Latitude:	N Longitude			W
Media description:	<u>Same soil</u>			

STATION ID: CN0748 II SAMPLE ID: CN0748 II-CS

SAMPLE COLLECTION TIME: 1011

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection:	<input checked="" type="radio"/> Composite or Grab	MS/MSD?	<input checked="" type="radio"/> Y or <input type="radio"/> N	
Field Duplicate or Split:	Yes or <input checked="" type="radio"/> No	If yes, indicate Duplicate/split sample station ID:	_____	
GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	Logged?	<input checked="" type="radio"/> Y or <input type="radio"/> N
Aliquot #1: Latitude:	N Longitude			W
Media description:	<u>OK brown silty clay m dnp</u>			
Aliquot #2 Latitude:	N Longitude			W
Media description:	<u>Same soil</u>			
Aliquot #3: Latitude:	N Longitude			W
Media description:	<u>Same soil</u>			
Aliquot #4: Latitude:	N Longitude			W
Media description:	<u>Same soil</u>			
Aliquot #5: Latitude:	N Longitude			W
Media description:	<u>Reddish orange clay m dnp</u>			

(b) (6)

ADDRESS: _____ PROPERTY ID: CN0748 (con)

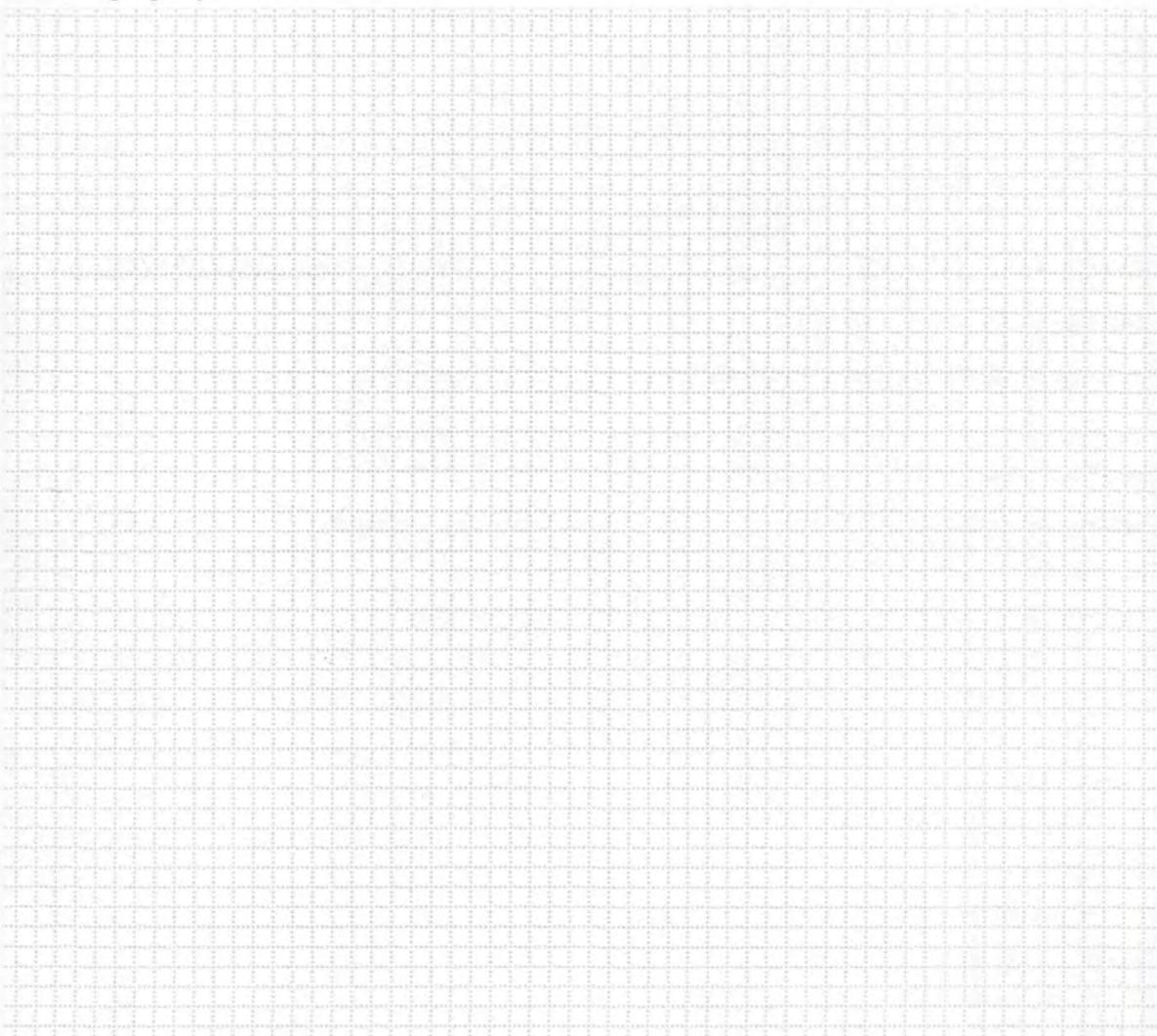
DATE: 02/06/2013 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

56° Fair 62% hum.dty, winds E @ 7MPH

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CW0748JJ SAMPLE ID: CW0748JJ-CS

SAMPLE COLLECTION TIME: 1032

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #:	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude:	N Longitude	W
Media description:	<u>Mud Bar clayey silt mud</u>	
Aliquot #2: Latitude:	N Longitude	W
Media description:	<u>Same soil</u>	
Aliquot #3: Latitude:	N Longitude	W
Media description:	<u>Same soil</u>	
Aliquot #4: Latitude:	N Longitude	W
Media description:	<u>Same soil</u>	
Aliquot #5: Latitude:	N Longitude	W
Media description:	<u>Same soil</u>	

STATION ID: CW0748KK SAMPLE ID: CW0748KK-CS

SAMPLE COLLECTION TIME: 1041

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #:	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude:	N Longitude	W
Media description:	<u>OK brown silty clay m damp w/gravel</u>	
Aliquot #2: Latitude:	N Longitude	W
Media description:	<u>Same soil</u>	
Aliquot #3: Latitude:	N Longitude	W
Media description:	<u>Same soil</u>	
Aliquot #4: Latitude:	N Longitude	W
Media description:	<u>Same soil</u>	
Aliquot #5: Latitude:	N Longitude	W
Media description:	<u>Same soil</u>	

(b) (6)

ADDRESS:

PROPERTY ID: CN0748 (con.)

DATE: 02/06/2013

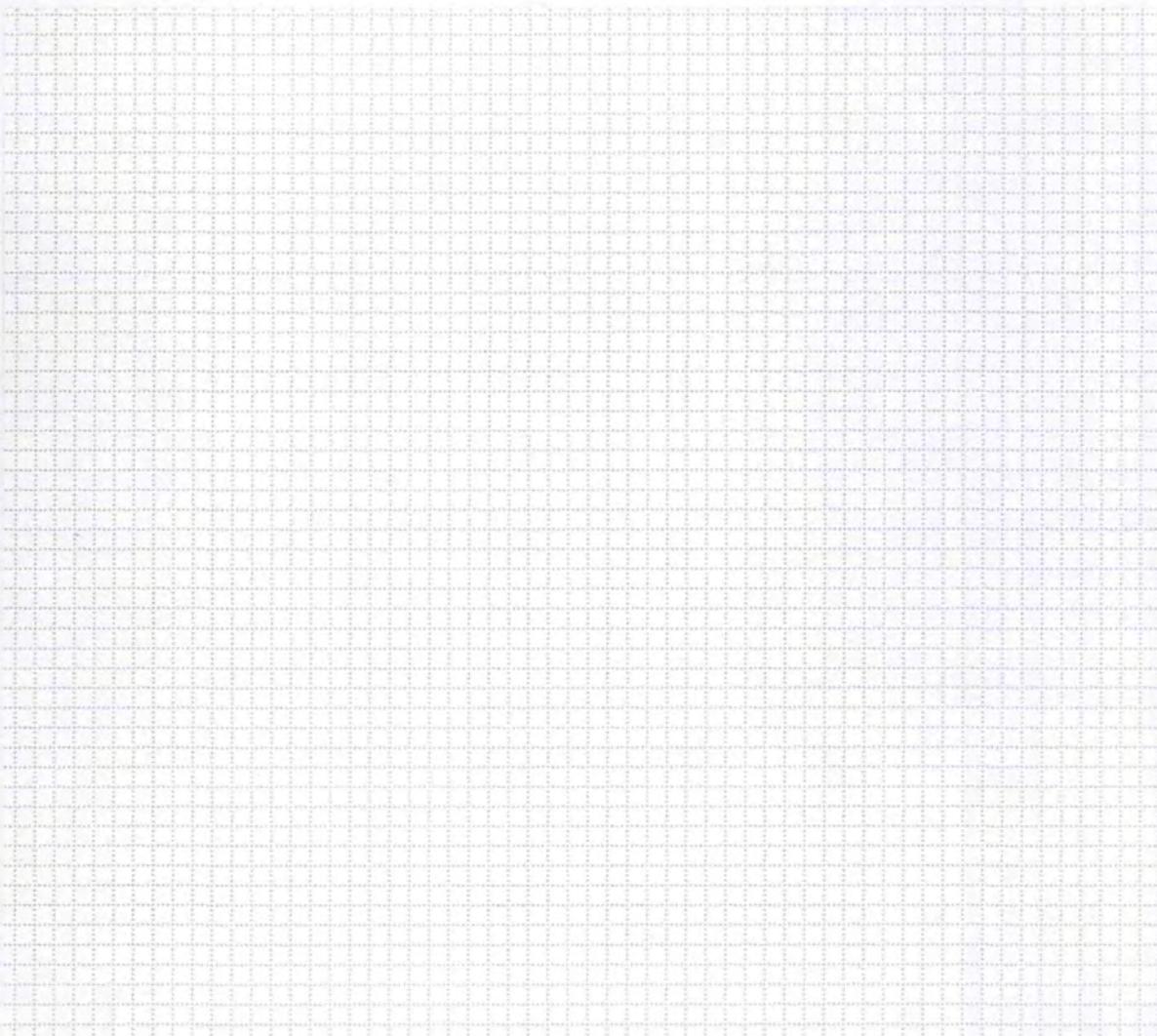
ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

56° Fair 62% humidity winds @ 7 MPH (E)

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0748AC SAMPLE ID: CV0748AC-65

SAMPLE COLLECTION TIME: 1014

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Grab fence line

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble X Instrument #: _____ Logged? X or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: OK burn site in damp

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

STATION ID: CV0748LL SAMPLE ID: CV0748LL-65

SAMPLE COLLECTION TIME: 1048

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble X Instrument #: _____ Logged? X or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: OK lawn city day w/ red clay under

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: Sim soil

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Sim soil

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Sim soil w/ coal fragments

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Sim soil w/ coal fragments

(b) (6)

ADDRESS

PROPERTY ID: CV0748 (cont)

DATE: 02/06/13 (cont)

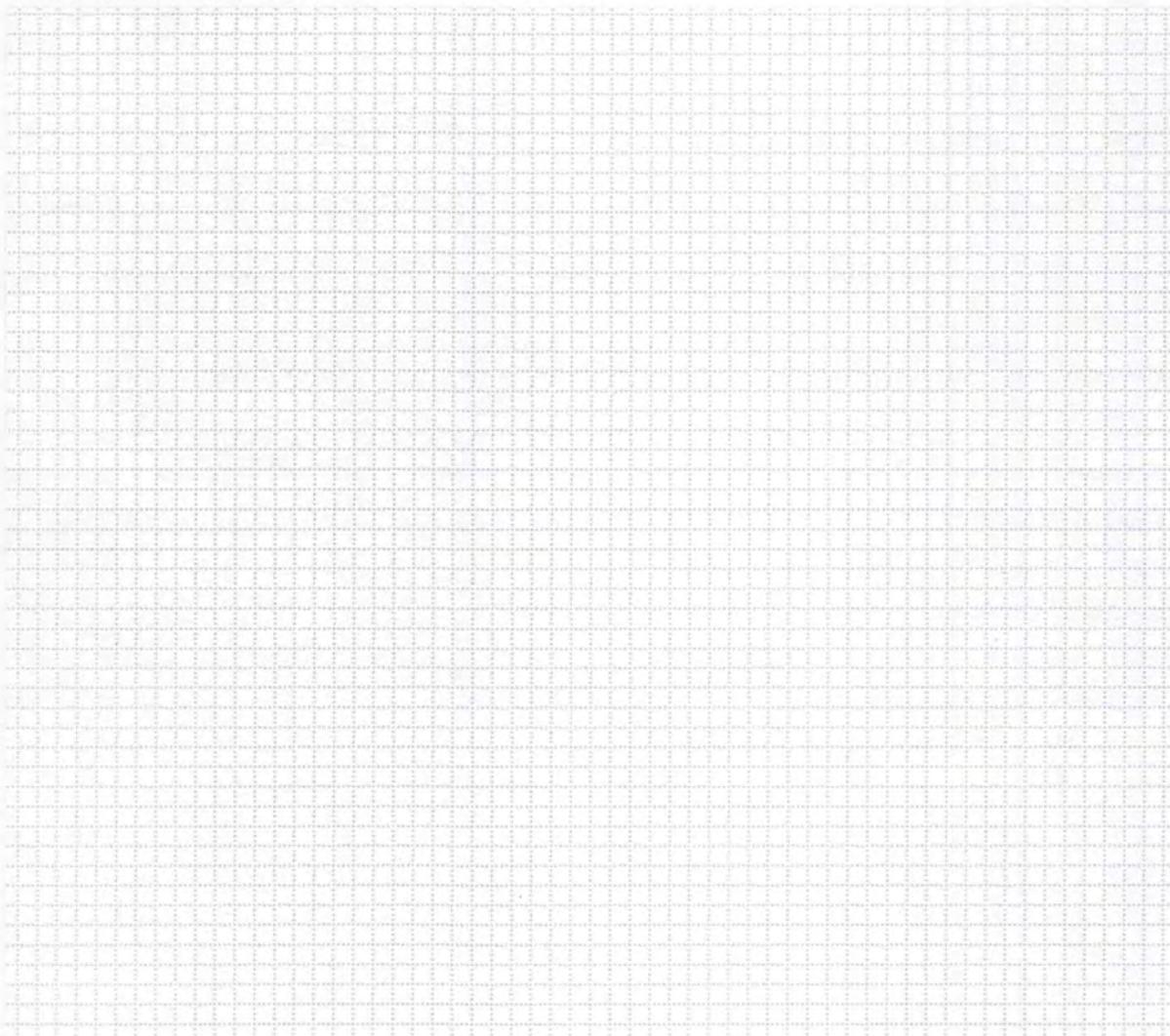
ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

58°F Fair 81% humidity winds E @ 7MPH

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN0748MM

SAMPLE ID: CN0748MM-CS

SAMPLE COLLECTION TIME: 1050

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: OK brown silt clay m damp w/ some gravel

Aliquot #2: Latitude: N Longitude W

Media description: Same soil

Aliquot #3: Latitude: N Longitude W

Media description: Same soil

Aliquot #4: Latitude: N Longitude W

Media description: Same soil

Aliquot #5: Latitude: N Longitude W

Media description: Same soil

STATION ID: CN0748NN

SAMPLE ID: CN0748NN-CS

SAMPLE COLLECTION TIME: 1106

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: Brown silt w/ orange clay m damp

Aliquot #2: Latitude: N Longitude W

Media description: OK brown silt w/ orange clay m damp

Aliquot #3: Latitude: N Longitude W

Media description: Brown silt w/ gravel m damp

Aliquot #4: Latitude: N Longitude W

Media description: OK brown silt w/ orange clay m damp

Aliquot #5: Latitude: N Longitude W

Media description: Brown silt m damp

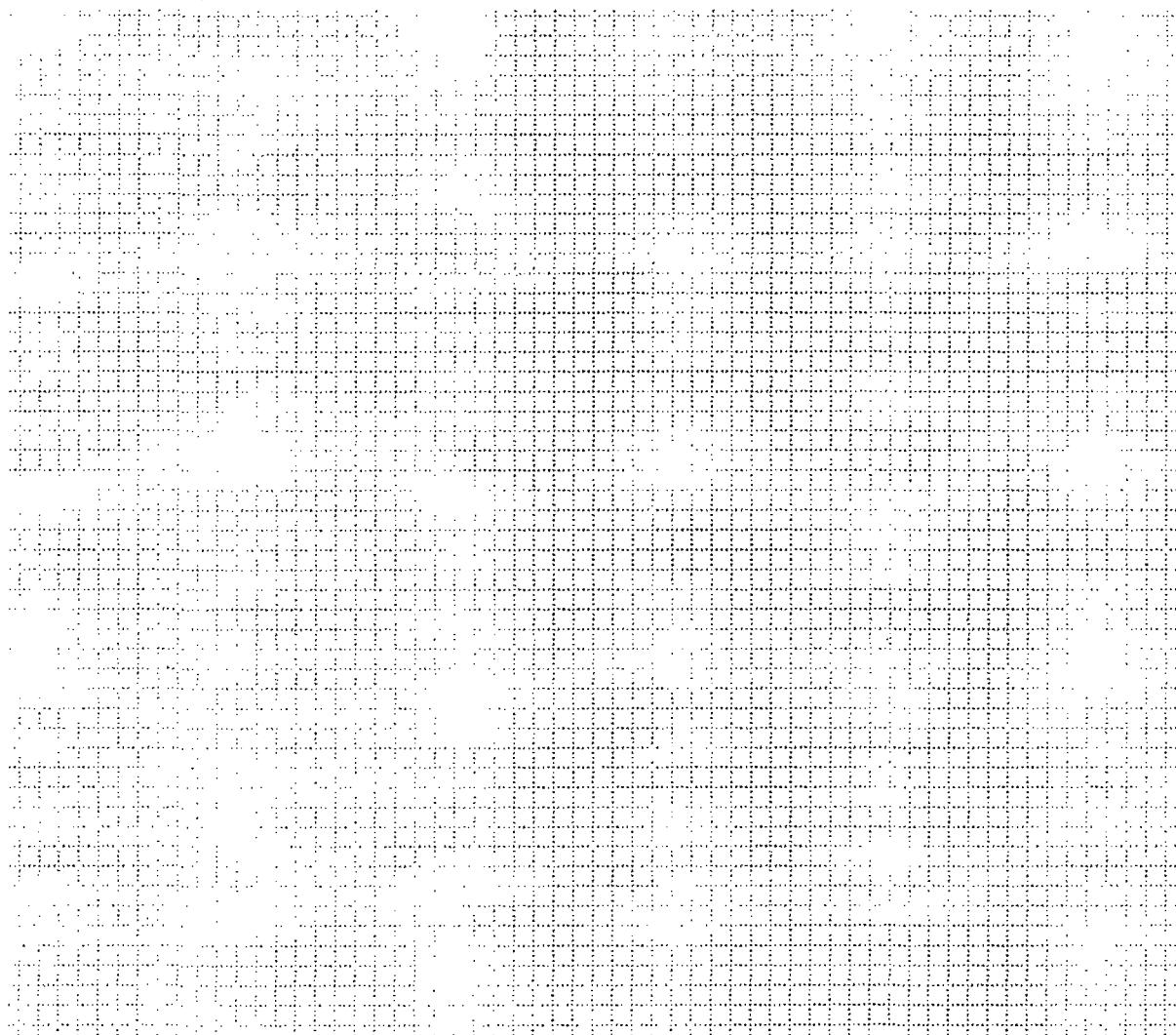
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CVØ74800 . SAMPLE ID: CVØ74800-CS

SAMPLE COLLECTION TIME: 1108

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: <input checked="" type="radio"/> Composite or Grab	MS/MSD? Y or <input checked="" type="radio"/> N
Field Duplicate or Split: Yes or <input checked="" type="radio"/> No If yes, indicate Duplicate/split sample station ID:	
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	Logged? <input checked="" type="radio"/> Y or N
Aliquot #1: Latitude: _____ N Longitude _____ W	
Media description: _____	DK burn slt clay mdmp w/grass
Aliquot #2 Latitude: _____ N Longitude _____ W	
Media description: _____	Same soil
Aliquot #3: Latitude: _____ N Longitude _____ W	
Media description: _____	same soil
Aliquot #4: Latitude: _____ N Longitude _____ W	
Media description: _____	same soil
Aliquot #5: Latitude: _____ N Longitude _____ W	
Media description: _____	same soil

STATION ID: CVØ748PP SAMPLE ID: CVØ748PP-CS

SAMPLE COLLECTION TIME: 1110

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: <input checked="" type="radio"/> Composite or Grab	MS/MSD? Y or <input checked="" type="radio"/> N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:	
GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	Logged? <input checked="" type="radio"/> Y or N
Aliquot #1: Latitude: _____ N Longitude _____ W	
Media description: _____	DK burn slt clay mdmp
Aliquot #2 Latitude: _____ N Longitude _____ W	
Media description: _____	same soil
Aliquot #3: Latitude: _____ N Longitude _____ W	
Media description: _____	same soil
Aliquot #4: Latitude: _____ N Longitude _____ W	
Media description: _____	same soil
Aliquot #5: Latitude: _____ N Longitude _____ W	
Media description: _____	same soil

(b) (6)

ADDRESS: _____ PROPERTY ID: CNO7418 (con)

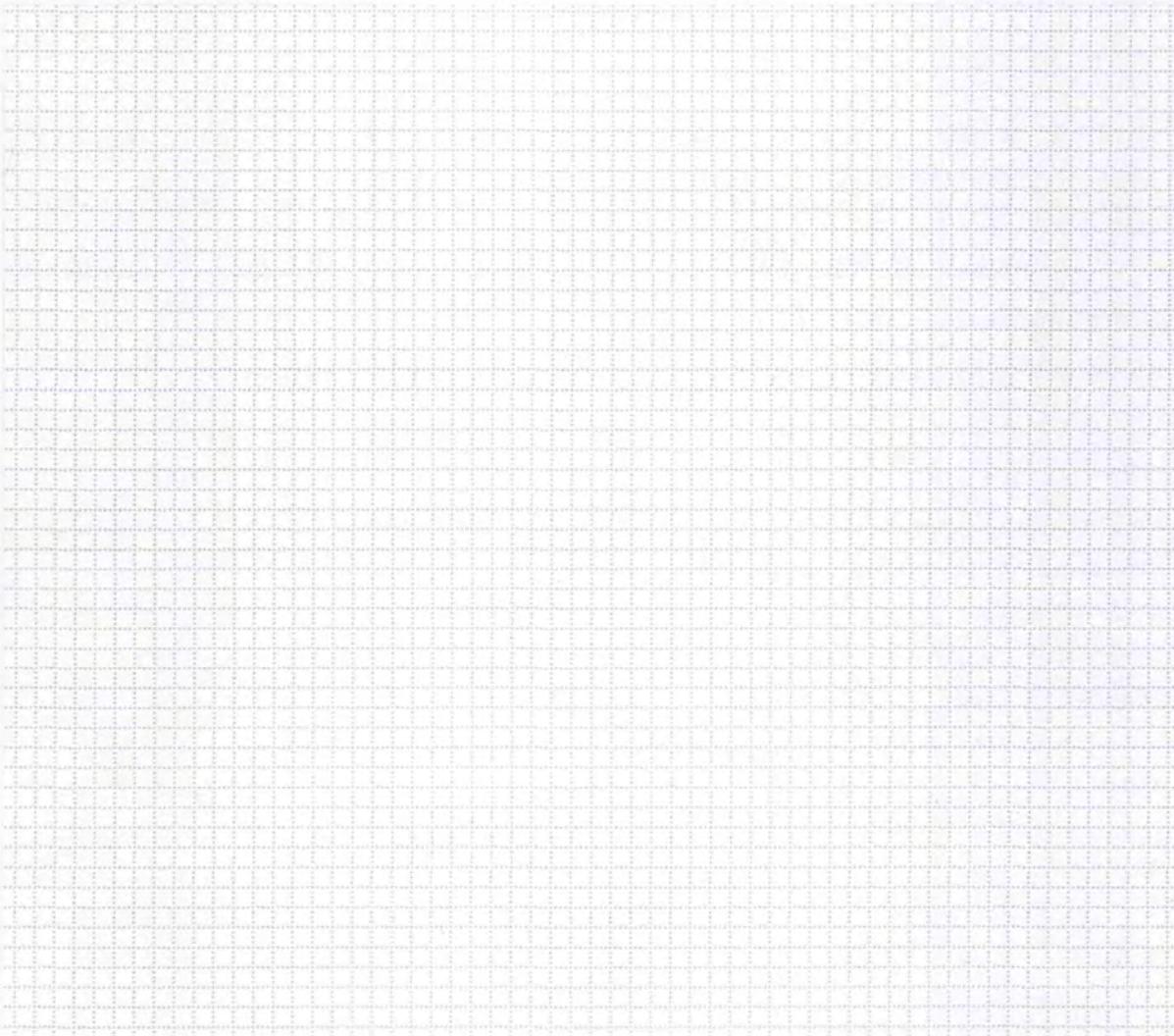
DATE: 02/06/ ARRIVAL TIME: 12:45 after lunch start at RR

Other pertinent information (weather conditions, etc.):

54°F sunny, 81% humidity waves NW @ 1m/s

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0748QQ SAMPLE ID: CV0748QQ-CS

SAMPLE COLLECTION TIME: 1112

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: DK brown silty clay m damp

Aliquot #2: Latitude: N Longitude W

Media description: Same soil

Aliquot #3: Latitude: N Longitude W

Media description: Same soil

Aliquot #4: Latitude: N Longitude W

Media description: Same soil

Aliquot #5: Latitude: N Longitude W

Media description: Same soil

after lunch 1245 - 63°F sunny 30% humidity winds E@ 7 mph

STATION ID: CV0748RR SAMPLE ID: CV0748RR-CS

SAMPLE COLLECTION TIME: 1303

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble Instrument #: Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: DK brown silty clay clamp w/some gravel

Aliquot #2: Latitude: N Longitude W

Media description: Same as previous

Aliquot #3: Latitude: N Longitude W

Media description: Same as previous

Aliquot #4: Latitude: N Longitude W

Media description: Same as previous

Aliquot #5: Latitude: N Longitude W

Media description: Same as previous

(b) (6)

ADDRESS: _____ Y ID: CV0748

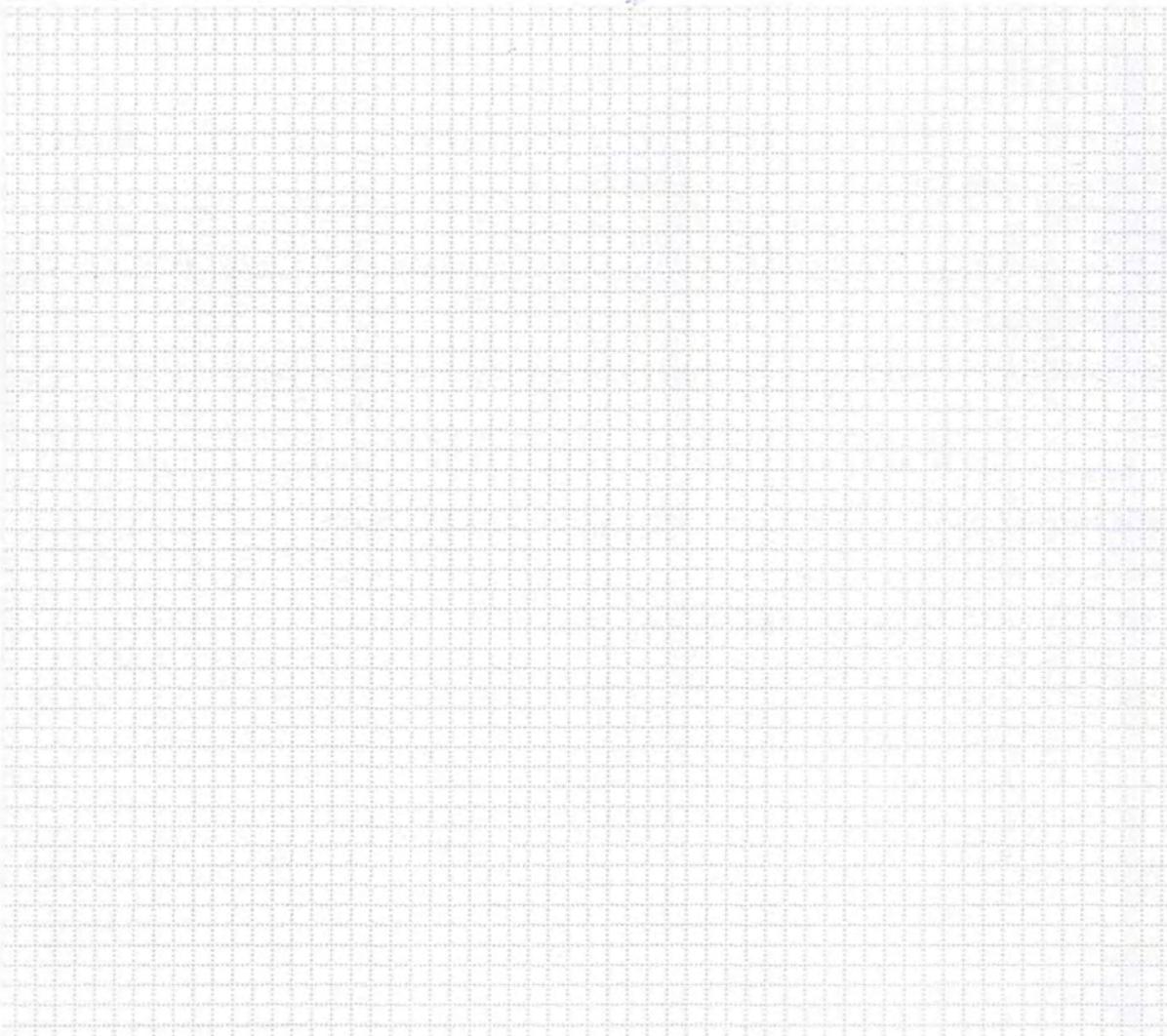
DATE: 2/6/13 ARRIVAL TIME: 1245

Other pertinent information (weather conditions, etc.):

54°F, sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: EN0748 SS SAMPLE ID: CV0748 SS-CS

SAMPLE COLLECTION TIME: 1326

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brown clay Silt med damp w/ orange clay

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: DK brown clay Silt med damp w/ orange clay

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: DK brown clay Silt med damp

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: DK brown clay Silt med damp

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: DK brown clay Silt med damp

STATION ID: CV0748 TT SAMPLE ID: CV0748 TT-CS

SAMPLE COLLECTION TIME: 1324

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brown Silty Clay w/ some gravel damp

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same as previous

(b) (6)

PROPERTY ID: CV0748

DATE: 2/6/13

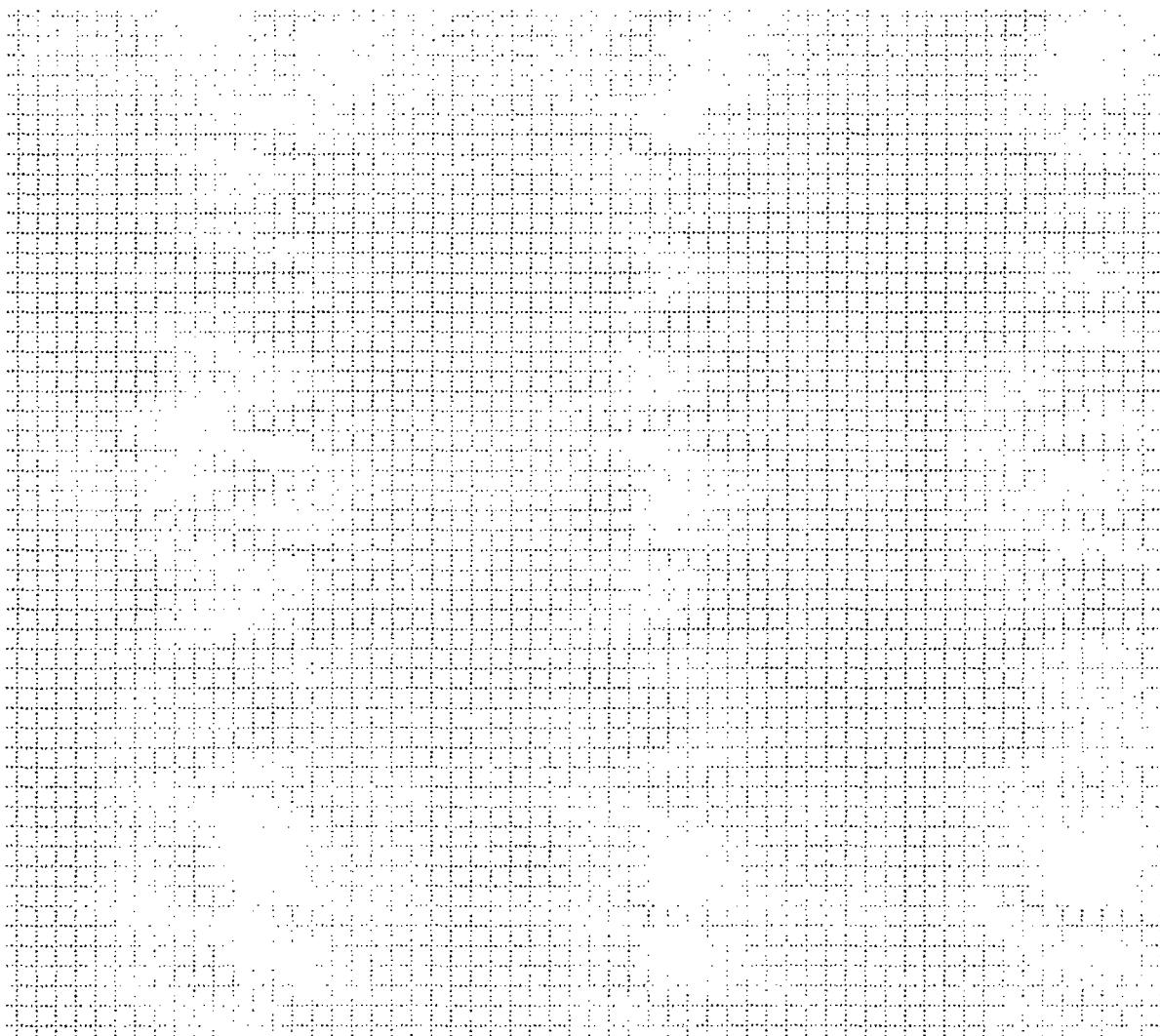
ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

54°F, Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0748AD

SAMPLE ID: CV0748AD-G5

SAMPLE COLLECTION TIME: 1306

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: dk brown silty clay med-course sandy Construction debris

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____ BB

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

STATION ID: CV0748UU

SAMPLE ID: CV0748UU-CS

SAMPLE COLLECTION TIME: 1349

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: brown silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: brown silty clay

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: brown silty clay

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: brown silty clay

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: brown silty clay

(b) (6)

PROPERTY ID: CV0748

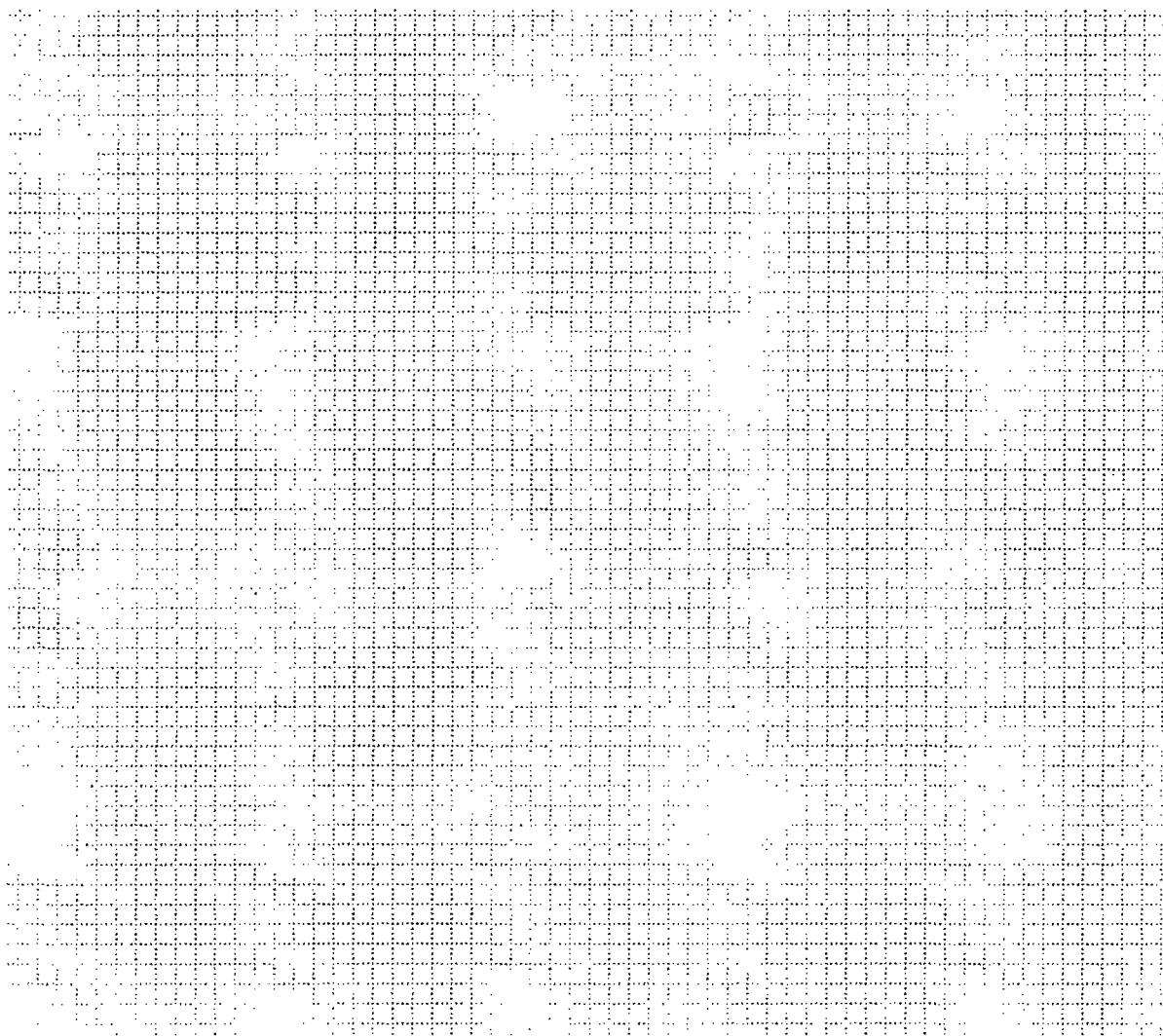
DATE: 2/6/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

54°F, sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0748VV SAMPLE ID: CV0748VV-CS
SAMPLE COLLECTION TIME: 1354

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: med brown silty clay

Aliquot #2: Latitude: N Longitude W

Media description: med brown silty clay

Aliquot #3: Latitude: N Longitude W

Media description: med brown silty clay

Aliquot #4: Latitude: N Longitude W

Media description: med brown silty clay w/ orange clay

Aliquot #5: Latitude: N Longitude W

Media description: med brown silty clay w/ orange clay

STATION ID: CV0748WW SAMPLE ID: CV0748WW-CS

SAMPLE COLLECTION TIME: 1357

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: Logged? Y or N

Aliquot #1: Latitude: N Longitude W

Media description: DK brown silty clay w/ gravel & slag

Aliquot #2: Latitude: N Longitude W

Media description: Same as previous

Aliquot #3: Latitude: N Longitude W

Media description: Same as previous

Aliquot #4: Latitude: N Longitude W

Media description: Same as previous

Aliquot #5: Latitude: N Longitude W

Media description: Same as previous